

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006597.D
 Acq On : 03 Nov 2021 13:10
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 21:18:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	161468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	256363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	234449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105247	52.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.940%			
35) Dibromofluoromethane	7.728	113	78894	55.213	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.420%			
50) Toluene-d8	10.185	98	338540	55.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.780%			
62) 4-Bromofluorobenzene	12.483	95	114879	56.301	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	25196	16.881	ug/l	96
3) Chloromethane	2.119	50	36848	18.290	ug/l	99
4) Vinyl Chloride	2.259	62	40720	18.098	ug/l	97
5) Bromomethane	2.649	94	26851	17.913	ug/l	96
6) Chloroethane	2.802	64	18859	14.194	ug/l	97
7) Trichlorofluoromethane	3.137	101	53677	18.788	ug/l	100
8) Diethyl Ether	3.540	74	17668	18.883	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.911	101	29739	20.446	ug/l	97
10) Methyl Iodide	4.107	142	25922	19.709	ug/l	95
11) Tert butyl alcohol	4.972	59	14388	79.708	ug/l	100
12) 1,1-Dichloroethene	3.881	96	28342	19.442	ug/l	97
13) Acrolein	3.741	56	11039	88.461	ug/l	97
14) Allyl chloride	4.491	41	64148	21.380	ug/l	95
15) Acrylonitrile	5.173	53	49342	93.644	ug/l	99
16) Acetone	3.954	43	48533	84.827	ug/l	99
17) Carbon Disulfide	4.204	76	86484	18.088	ug/l	97
18) Methyl Acetate	4.485	43	35429	19.096	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	88645	18.967	ug/l	95
20) Methylene Chloride	4.728	84	55084	29.351	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	32197	19.476	ug/l	93
22) Diisopropyl ether	6.131	45	135912	22.729	ug/l	94
23) Vinyl Acetate	6.076	43	369845	101.690	ug/l	98
24) 1,1-Dichloroethane	6.033	63	67362	21.544	ug/l	98
25) 2-Butanone	6.996	43	69652	92.924	ug/l	98
26) 2,2-Dichloropropane	6.990	77	59351	19.957	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	37615	19.931	ug/l	95
28) Bromochloromethane	7.344	49	31377	24.733	ug/l	88
29) Tetrahydrofuran	7.356	42	44348	96.438	ug/l	93
30) Chloroform	7.521	83	64681	20.031	ug/l	99
31) Cyclohexane	7.795	56	66128	20.558	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	57162	19.172	ug/l	98
36) 1,1-Dichloropropene	7.929	75	49593	19.578	ug/l	99
37) Ethyl Acetate	7.082	43	31526	19.666	ug/l	100
38) Carbon Tetrachloride	7.905	117	50121	17.936	ug/l	97
39) Methylcyclohexane	9.191	83	58275	18.899	ug/l	97
40) Benzene	8.167	78	140708	19.476	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006597.D
 Acq On : 03 Nov 2021 13:10
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 21:18:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18212	20.021	ug/l #	28
42) 1,2-Dichloroethane	8.246	62	46418	17.992	ug/l	99
43) Isopropyl Acetate	8.283	43	58409	18.782	ug/l	99
44) Trichloroethene	8.947	130	35906	19.271	ug/l	98
45) 1,2-Dichloropropane	9.221	63	38453	21.488	ug/l	98
46) Dibromomethane	9.307	93	18140	18.467	ug/l	96
47) Bromodichloromethane	9.502	83	49691	19.446	ug/l	97
48) Methyl methacrylate	9.301	41	26827	18.612	ug/l	95
49) 1,4-Dioxane	9.301	88	4351	326.265	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	153708	94.286	ug/l	99
52) Toluene	10.252	92	85197	18.795	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	52072	18.916	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	58498	19.614	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	25656	18.890	ug/l	92
56) Ethyl methacrylate	10.514	69	38664	18.427	ug/l	96
57) 1,3-Dichloropropane	10.794	76	47955	19.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	99562	104.017	ug/l	95
59) 2-Hexanone	10.837	43	108060	91.586	ug/l	99
60) Dibromochloromethane	10.989	129	30453	18.178	ug/l	98
61) 1,2-Dibromoethane	11.093	107	23629	18.479	ug/l	99
64) Tetrachloroethene	10.721	164	39790	19.410	ug/l	96
65) Chlorobenzene	11.520	112	87523	19.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32938	19.176	ug/l	99
67) Ethyl Benzene	11.593	91	167606	19.291	ug/l	99
68) m/p-Xylenes	11.703	106	124039	37.950	ug/l	99
69) o-Xylene	12.032	106	59422	19.053	ug/l	99
70) Styrene	12.050	104	100163	18.784	ug/l	100
71) Bromoform	12.215	173	18527	17.063	ug/l #	99
73) Isopropylbenzene	12.331	105	161844	20.386	ug/l	98
74) N-amyl acetate	12.148	43	52717	20.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	26251	19.100	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	22309m	19.076	ug/l	
77) Bromobenzene	12.611	156	36249	19.380	ug/l	93
78) n-propylbenzene	12.672	91	204995	20.894	ug/l	98
79) 2-Chlorotoluene	12.757	91	115073	21.186	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	135853	20.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11260	19.766	ug/l	99
82) 4-Chlorotoluene	12.855	91	118199	20.885	ug/l	97
83) tert-Butylbenzene	13.074	119	118353	20.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	134465	20.230	ug/l	98
85) sec-Butylbenzene	13.257	105	180057	20.992	ug/l	99
86) p-Isopropyltoluene	13.373	119	147221	20.119	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	72850	19.406	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	71578	19.393	ug/l	98
89) n-Butylbenzene	13.696	91	147752	21.465	ug/l	99
90) Hexachloroethane	13.965	117	27700	20.960	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	64082	19.462	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4885	16.742	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	39901	18.357	ug/l	100
94) Hexachlorobutadiene	15.111	225	26504	19.025	ug/l	98
95) Naphthalene	15.239	128	69038	16.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	33046	17.361	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
Data File : VY006597.D
Acq On : 03 Nov 2021 13:10
Operator : SY/MD
Sample : VY1103SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 21:18:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006597.D
 Acq On : 03 Nov 2021 13:10
 Operator : SY/MD
 Sample : VY1103SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 21:18:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

