

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006751.D
 Acq On : 16 Nov 2021 11:07
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01

Quant Time: Nov 17 04:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	117133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	166795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	75725	49.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.728	113	54678	49.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.680%		
50) Toluene-d8	10.185	98	228939	49.925	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.489	95	78248	50.616	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22601	20.092	ug/l	97
3) Chloromethane	2.119	50	34387	20.320	ug/l	99
4) Vinyl Chloride	2.265	62	34598	20.137	ug/l	99
5) Bromomethane	2.649	94	20921	22.853	ug/l	99
6) Chloroethane	2.802	64	19984	19.013	ug/l	96
7) Trichlorofluoromethane	3.137	101	46381	21.541	ug/l	99
8) Diethyl Ether	3.540	74	15133	21.103	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.911	101	23909	20.908	ug/l	98
10) Methyl Iodide	4.100	142	30538	21.364	ug/l	99
11) Tert butyl alcohol	4.960	59	21588	93.507	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	23974	21.138	ug/l	90
13) Acrolein	3.747	56	3616	111.962	ug/l	98
14) Allyl chloride	4.497	41	51737	20.252	ug/l	98
15) Acrylonitrile	5.173	53	42532	102.830	ug/l	100
16) Acetone	3.960	43	40495	86.820	ug/l	100
17) Carbon Disulfide	4.210	76	83540	20.867	ug/l	100
18) Methyl Acetate	4.491	43	32048	21.226	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	74372	20.804	ug/l	100
20) Methylene Chloride	4.734	84	30103	19.544	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	26847	20.721	ug/l	95
22) Diisopropyl ether	6.131	45	106367	21.103	ug/l	97
23) Vinyl Acetate	6.076	43	312451	102.655	ug/l	98
24) 1,1-Dichloroethane	6.033	63	53988	20.985	ug/l	99
25) 2-Butanone	6.996	43	58993	94.482	ug/l	97
26) 2,2-Dichloropropane	6.996	77	49554	21.316	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	30966	21.161	ug/l	96
28) Bromochloromethane	7.344	49	24155	19.960	ug/l	90
29) Tetrahydrofuran	7.356	42	39492	102.027	ug/l	93
30) Chloroform	7.514	83	53141	21.486	ug/l	98
31) Cyclohexane	7.795	56	57326	21.246	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	48996	21.496	ug/l	99
36) 1,1-Dichloropropene	7.929	75	42334	21.588	ug/l	98
37) Ethyl Acetate	7.082	43	26326	20.080	ug/l	98
38) Carbon Tetrachloride	7.911	117	43258	21.567	ug/l	99
39) Methylcyclohexane	9.191	83	50371	21.062	ug/l	96
40) Benzene	8.173	78	120304	21.793	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006751.D
 Acq On : 16 Nov 2021 11:07
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01

Quant Time: Nov 17 04:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	25925m	23.550	ug/l	
42) 1,2-Dichloroethane	8.246	62	39812	21.647	ug/l	99
43) Isopropyl Acetate	8.283	43	50382	20.486	ug/l	99
44) Trichloroethene	8.947	130	28919	21.534	ug/l	97
45) 1,2-Dichloropropane	9.221	63	29898	20.992	ug/l	97
46) Dibromomethane	9.313	93	15334	20.671	ug/l	96
47) Bromodichloromethane	9.502	83	40092	21.282	ug/l	96
48) Methyl methacrylate	9.301	41	24681	21.181	ug/l	92
49) 1,4-Dioxane	9.307	88	3430	402.959	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	106393	82.127	ug/l	99
52) Toluene	10.252	92	71372	21.291	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	41550	20.291	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	43246	18.831	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	20736	20.938	ug/l	99
56) Ethyl methacrylate	10.514	69	30099	19.553	ug/l	96
57) 1,3-Dichloropropane	10.794	76	36138	19.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	76378	90.624	ug/l	99
59) 2-Hexanone	10.837	43	73468	93.739	ug/l	97
60) Dibromochloromethane	10.989	129	26054	21.462	ug/l	95
61) 1,2-Dibromoethane	11.093	107	19690	21.460	ug/l	96
64) Tetrachloroethene	10.727	164	27735	22.755	ug/l	94
65) Chlorobenzene	11.520	112	73791	21.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	26967	21.250	ug/l	99
67) Ethyl Benzene	11.599	91	142329	22.128	ug/l	99
68) m/p-Xylenes	11.709	106	105886	43.195	ug/l	99
69) o-Xylene	12.032	106	49554	21.339	ug/l	99
70) Styrene	12.050	104	83925	21.399	ug/l	99
71) Bromoform	12.215	173	16242	21.145	ug/l #	98
73) Isopropylbenzene	12.337	105	134742	21.425	ug/l	99
74) N-amyl acetate	12.148	43	43875	21.195	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	25051	21.529	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	19632m	21.865	ug/l	
77) Bromobenzene	12.617	156	30166	21.062	ug/l	95
78) n-propylbenzene	12.678	91	168365	21.961	ug/l	100
79) 2-Chlorotoluene	12.763	91	92330	22.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	111740	21.679	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	9382	20.705	ug/l	95
82) 4-Chlorotoluene	12.861	91	96534	22.011	ug/l	98
83) tert-Butylbenzene	13.081	119	96472	21.549	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	110779	21.527	ug/l	98
85) sec-Butylbenzene	13.257	105	144399	21.660	ug/l	99
86) p-Isopropyltoluene	13.373	119	119065	21.097	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	60399	21.175	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	59182	21.026	ug/l	97
89) n-Butylbenzene	13.702	91	116476	21.872	ug/l	99
90) Hexachloroethane	13.964	117	21925	21.557	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	52969	21.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4578	22.257	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	31934	19.857	ug/l	99
94) Hexachlorobutadiene	15.117	225	21219	20.222	ug/l	99
95) Naphthalene	15.239	128	58669	19.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26492	19.769	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
Data File : VY006751.D
Acq On : 16 Nov 2021 11:07
Operator : SY/MD
Sample : VY1116SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 04:12:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

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

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

