

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016229.D
 Acq On : 06 Nov 2023 11:39
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80802	54.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.240%			
35) Dibromofluoromethane	7.728	113	79164	51.216	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.440%			
50) Toluene-d8	10.185	98	319405	52.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.489	95	106153	50.656	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18504	18.350	ug/l	95
3) Chloromethane	2.119	50	24316	17.416	ug/l	97
4) Vinyl Chloride	2.253	62	27258	18.916	ug/l	95
5) Bromomethane	2.650	94	18783	19.314	ug/l	96
6) Chloroethane	2.796	64	18976	18.705	ug/l	89
7) Trichlorofluoromethane	3.131	101	45333	20.838	ug/l	93
8) Diethyl Ether	3.533	74	16083	22.306	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	29254	21.345	ug/l	96
10) Methyl Iodide	4.100	142	29307	19.231	ug/l	97
11) Tert butyl alcohol	4.966	59	13531	122.428	ug/l #	96
12) 1,1-Dichloroethene	3.875	96	24963	19.956	ug/l	90
13) Acrolein	3.735	56	12254	116.173	ug/l	98
14) Allyl chloride	4.485	41	40221	22.479	ug/l #	94
15) Acrylonitrile	5.167	53	36825	119.521	ug/l	99
16) Acetone	3.954	43	27003	103.147	ug/l #	87
17) Carbon Disulfide	4.204	76	52133	16.693	ug/l	98
18) Methyl Acetate	4.485	43	27504	23.120	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	80584	22.648	ug/l	98
20) Methylene Chloride	4.728	84	36262	22.422	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	29946	20.552	ug/l	92
22) Diisopropyl ether	6.124	45	98883	22.849	ug/l	91
23) Vinyl Acetate	6.070	43	238502	112.246	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	56703	21.893	ug/l	96
25) 2-Butanone	6.996	43	46294	113.435	ug/l	90
26) 2,2-Dichloropropane	6.990	77	52409	21.405	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	37762	22.022	ug/l	92
28) Bromochloromethane	7.344	49	20507	21.158	ug/l	91
29) Tetrahydrofuran	7.356	42	30497	119.209	ug/l	90
30) Chloroform	7.514	83	61830	21.927	ug/l	95
31) Cyclohexane	7.795	56	43276	19.031	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	55369	21.411	ug/l	99
36) 1,1-Dichloropropene	7.929	75	43366	19.430	ug/l	100
37) Ethyl Acetate	7.082	43	22178	22.309	ug/l #	94
38) Carbon Tetrachloride	7.911	117	48133	21.767	ug/l	98
39) Methylcyclohexane	9.191	83	49548	18.598	ug/l	95
40) Benzene	8.173	78	129097	20.147	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016229.D
 Acq On : 06 Nov 2023 11:39
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	12085	20.943	ug/l	91
42) 1,2-Dichloroethane	8.246	62	36966	20.672	ug/l	94
43) Isopropyl Acetate	8.283	43	43832	22.290	ug/l	93
44) Trichloroethene	8.947	130	36951	19.706	ug/l	99
45) 1,2-Dichloropropane	9.228	63	33485	21.723	ug/l	97
46) Dibromomethane	9.313	93	18717	21.405	ug/l	97
47) Bromodichloromethane	9.502	83	48782	21.957	ug/l	99
48) Methyl methacrylate	9.301	41	18368	20.542	ug/l	89
49) 1,4-Dioxane	9.307	88	4504	358.500	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	114398	116.593	ug/l	93
52) Toluene	10.252	92	84567	20.367	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	47791	21.548	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	54991	21.130	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	26981	21.936	ug/l	97
56) Ethyl methacrylate	10.514	69	34209	21.415	ug/l #	87
57) 1,3-Dichloropropane	10.800	76	45918	21.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	83988	108.429	ug/l	92
59) 2-Hexanone	10.837	43	78936	117.402	ug/l	89
60) Dibromochloromethane	10.989	129	33631	21.794	ug/l	99
61) 1,2-Dibromoethane	11.099	107	25068	21.427	ug/l	100
64) Tetrachloroethene	10.727	164	37516	18.826	ug/l	92
65) Chlorobenzene	11.526	112	92428	20.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35979	21.824	ug/l	97
67) Ethyl Benzene	11.599	91	163564	20.545	ug/l	100
68) m/p-Xylenes	11.709	106	127049	41.299	ug/l	93
69) o-Xylene	12.038	106	60454	20.582	ug/l	95
70) Styrene	12.050	104	99515	20.380	ug/l	97
71) Bromoform	12.215	173	20454	22.364	ug/l #	98
73) Isopropylbenzene	12.337	105	162457	20.383	ug/l	100
74) N-amyl acetate	12.148	43	36444	21.042	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	29368	23.156	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	23259m	23.246	ug/l	
77) Bromobenzene	12.617	156	37627	20.850	ug/l	96
78) n-propylbenzene	12.678	91	193100	20.493	ug/l	99
79) 2-Chlorotoluene	12.764	91	109011	20.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	131445	20.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9971	21.607	ug/l	94
82) 4-Chlorotoluene	12.861	91	111800	20.716	ug/l	98
83) tert-Butylbenzene	13.081	119	120142	20.795	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	130510	20.426	ug/l	99
85) sec-Butylbenzene	13.257	105	176179	20.776	ug/l	99
86) p-Isopropyltoluene	13.373	119	144712	20.591	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74163	20.779	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	73820	20.926	ug/l	99
89) n-Butylbenzene	13.702	91	134609	20.845	ug/l	98
90) Hexachloroethane	13.965	117	27728	22.894	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	65764	21.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4836	21.307	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	37180	19.534	ug/l	97
94) Hexachlorobutadiene	15.117	225	21868	21.025	ug/l	98
95) Naphthalene	15.239	128	70523	19.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32065	19.721	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016229.D
Acq On : 06 Nov 2023 11:39
Operator : SY/MD
Sample : VY1106SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:55:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

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

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

