

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006752.D
 Acq On : 16 Nov 2021 11:30
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 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 04:12:24 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)

Internal Standards						
1) Pentafluorobenzene	7.801	168	116490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	172544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75880	49.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.400%		
35) Dibromofluoromethane	7.728	113	53779	48.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.300%		
50) Toluene-d8	10.185	98	227276	49.170	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.483	95	76193	48.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22433	20.053	ug/l	98
3) Chloromethane	2.119	50	33473	19.889	ug/l	98
4) Vinyl Chloride	2.259	62	35063	20.521	ug/l	99
5) Bromomethane	2.649	94	20407	22.414	ug/l	96
6) Chloroethane	2.802	64	20190	19.315	ug/l	92
7) Trichlorofluoromethane	3.137	101	45947	21.457	ug/l	97
8) Diethyl Ether	3.540	74	15009	21.046	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.918	101	23756	20.889	ug/l	99
10) Methyl Iodide	4.100	142	30475	21.437	ug/l	99
11) Tert butyl alcohol	4.972	59	23830	103.788	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	23857	21.151	ug/l	96
13) Acrolein	3.735	56	4026	125.345	ug/l	94
14) Allyl chloride	4.497	41	50517	19.884	ug/l	98
15) Acrylonitrile	5.179	53	43383	105.466	ug/l	99
16) Acetone	3.960	43	43429	93.624	ug/l	96
17) Carbon Disulfide	4.204	76	81188	20.392	ug/l	99
18) Methyl Acetate	4.484	43	30849	20.544	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	74125	20.849	ug/l	99
20) Methylene Chloride	4.734	84	31288	20.592	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	26581	20.629	ug/l	97
22) Diisopropyl ether	6.131	45	105920	21.130	ug/l	98
23) Vinyl Acetate	6.076	43	322067	106.399	ug/l	98
24) 1,1-Dichloroethane	6.039	63	53138	20.768	ug/l	98
25) 2-Butanone	6.996	43	61812	98.927	ug/l	99
26) 2,2-Dichloropropane	6.996	77	49515	21.416	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	30156	20.722	ug/l	95
28) Bromochloromethane	7.344	49	23808	19.782	ug/l	88
29) Tetrahydrofuran	7.362	42	40130	104.247	ug/l	94
30) Chloroform	7.521	83	52787	21.461	ug/l	100
31) Cyclohexane	7.795	56	55630	20.731	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	48398	21.351	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41061	20.773	ug/l	98
37) Ethyl Acetate	7.088	43	26612	20.137	ug/l	100
38) Carbon Tetrachloride	7.911	117	43283	21.409	ug/l	93
39) Methylcyclohexane	9.191	83	50184	20.818	ug/l	96
40) Benzene	8.173	78	116829	20.996	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	24092m	21.712	ug/l	
42) 1,2-Dichloroethane	8.246	62	40502	21.848	ug/l	98
43) Isopropyl Acetate	8.283	43	52801	21.299	ug/l	99
44) Trichloroethene	8.947	130	28188	20.823	ug/l	97
45) 1,2-Dichloropropane	9.228	63	30044	20.927	ug/l	100
46) Dibromomethane	9.313	93	15684	20.975	ug/l	96
47) Bromodichloromethane	9.502	83	40038	21.085	ug/l	98
48) Methyl methacrylate	9.301	41	24092	20.512	ug/l	97
49) 1,4-Dioxane	9.307	88	3383	394.290	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	113825	87.168	ug/l	99
52) Toluene	10.252	92	70569	20.885	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	42140	20.416	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	45458	19.637	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21023	21.060	ug/l	97
56) Ethyl methacrylate	10.514	69	31136	20.067	ug/l	97
57) 1,3-Dichloropropane	10.794	76	37828	20.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	83166	97.897	ug/l	98
59) 2-Hexanone	10.837	43	86379	105.376	ug/l	100
60) Dibromochloromethane	10.989	129	25860	21.134	ug/l	95
61) 1,2-Dibromoethane	11.093	107	18927	20.465	ug/l	98
64) Tetrachloroethene	10.727	164	26740	21.208	ug/l	94
65) Chlorobenzene	11.520	112	73457	20.926	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	26638	20.291	ug/l	99
67) Ethyl Benzene	11.599	91	140314	21.088	ug/l	98
68) m/p-Xylenes	11.709	106	104387	41.164	ug/l	99
69) o-Xylene	12.032	106	49239	20.497	ug/l	99
70) Styrene	12.050	104	84377	20.797	ug/l	99
71) Bromoform	12.215	173	15725	19.790	ug/l #	98
73) Isopropylbenzene	12.337	105	133530	21.058	ug/l	99
74) N-amyl acetate	12.148	43	45687	21.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	25663	21.874	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	19437m	21.471	ug/l	
77) Bromobenzene	12.611	156	30080	20.830	ug/l	96
78) n-propylbenzene	12.678	91	167632	21.686	ug/l	99
79) 2-Chlorotoluene	12.763	91	91971	21.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	112249	21.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9819	21.492	ug/l	95
82) 4-Chlorotoluene	12.861	91	96324	21.783	ug/l	99
83) tert-Butylbenzene	13.081	119	96620	21.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	110665	21.328	ug/l	99
85) sec-Butylbenzene	13.257	105	145087	21.584	ug/l	100
86) p-Isopropyltoluene	13.373	119	120606	21.195	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	59619	20.730	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	60543	21.333	ug/l	99
89) n-Butylbenzene	13.702	91	117487	21.881	ug/l	100
90) Hexachloroethane	13.964	117	21639	21.101	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	53314	21.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4209	20.295	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	32323	19.934	ug/l	99
94) Hexachlorobutadiene	15.117	225	22126	20.913	ug/l	98
95) Naphthalene	15.239	128	60610	20.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28041	20.753	ug/l	98

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

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