

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014026.D
 Acq On : 06 Jun 2023 13:27
 Operator : KP/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:36:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	144284	58.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.000%			
35) Dibromofluoromethane	7.716	113	115026	55.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.940%			
50) Toluene-d8	10.179	98	394429	49.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.477	95	151795	56.294	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30269	18.464	ug/l	94
3) Chloromethane	2.107	50	43625	19.214	ug/l	99
4) Vinyl Chloride	2.247	62	37947	18.041	ug/l	95
5) Bromomethane	2.650	94	37769	20.622	ug/l	98
6) Chloroethane	2.796	64	28977	19.250	ug/l	95
7) Trichlorofluoromethane	3.119	101	62750	18.872	ug/l	96
8) Diethyl Ether	3.527	74	29507	22.636	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	34067	19.945	ug/l	99
10) Methyl Iodide	4.088	142	41184	17.495	ug/l	99
11) Tert butyl alcohol	4.917	59	43748m	86.309	ug/l	
12) 1,1-Dichloroethene	3.869	96	32695	18.256	ug/l	98
13) Acrolein	3.735	56	23564	101.517	ug/l	99
14) Allyl chloride	4.472	41	67035	19.287	ug/l	100
15) Acrylonitrile	5.161	53	80512	111.303	ug/l	99
16) Acetone	3.954	43	79703	94.457	ug/l	97
17) Carbon Disulfide	4.192	76	89494	14.778	ug/l	97
18) Methyl Acetate	4.478	43	63302	20.764	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	132866	22.931	ug/l	98
20) Methylene Chloride	4.716	84	65593	26.893	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	41167	20.294	ug/l	93
22) Diisopropyl ether	6.118	45	161007	23.899	ug/l	99
23) Vinyl Acetate	6.057	43	468770	110.935	ug/l	100
24) 1,1-Dichloroethane	6.015	63	83003	22.073	ug/l	99
25) 2-Butanone	6.990	43	102942	97.928	ug/l	97
26) 2,2-Dichloropropane	6.978	77	69090	20.245	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	52051	22.412	ug/l	97
28) Bromochloromethane	7.332	49	44934	25.302	ug/l	98
29) Tetrahydrofuran	7.350	42	67892	103.859	ug/l	98
30) Chloroform	7.502	83	92865	23.521	ug/l	100
31) Cyclohexane	7.783	56	50572	17.029	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	71935	21.479	ug/l	98
36) 1,1-Dichloropropene	7.917	75	52652	17.823	ug/l	99
37) Ethyl Acetate	7.069	43	49712	19.301	ug/l	99
38) Carbon Tetrachloride	7.899	117	61303	18.518	ug/l	96
39) Methylcyclohexane	9.185	83	51857	16.443	ug/l	97
40) Benzene	8.161	78	179105	19.654	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19588m	16.455	ug/l	
42) 1,2-Dichloroethane	8.234	62	71909	21.519	ug/l	100
43) Isopropyl Acetate	8.270	43	84127	19.398	ug/l	98
44) Trichloroethene	8.935	130	45982	19.268	ug/l	97
45) 1,2-Dichloropropane	9.215	63	49484	21.041	ug/l	100
46) Dibromomethane	9.301	93	32136	21.345	ug/l	99
47) Bromodichloromethane	9.496	83	76949	22.688	ug/l	97
48) Methyl methacrylate	9.295	41	39680	20.102	ug/l	98
49) 1,4-Dioxane	9.325	88	8268	377.620	ug/l #	36
51) 4-Methyl-2-Pentanone	10.069	43	241599	98.629	ug/l	100
52) Toluene	10.246	92	112819	20.209	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	79063	21.702	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	82836	21.296	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	44745	22.543	ug/l	100
56) Ethyl methacrylate	10.508	69	58665	20.585	ug/l	98
57) 1,3-Dichloropropane	10.788	76	74934	22.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	85645	78.539	ug/l	99
59) 2-Hexanone	10.831	43	170535	96.144	ug/l	98
60) Dibromochloromethane	10.983	129	56797	22.640	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42878	21.500	ug/l	100
64) Tetrachloroethene	10.715	164	40219	18.332	ug/l	98
65) Chlorobenzene	11.514	112	129709	19.742	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	53219	20.807	ug/l	97
67) Ethyl Benzene	11.593	91	208882	18.367	ug/l	100
68) m/p-Xylenes	11.703	106	165040	37.992	ug/l	98
69) o-Xylene	12.026	106	81566	19.595	ug/l	98
70) Styrene	12.044	104	146159	20.443	ug/l	98
71) Bromoform	12.209	173	39437	20.914	ug/l #	99
73) Isopropylbenzene	12.331	105	195261	17.211	ug/l	100
74) N-amyl acetate	12.142	43	78272	17.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	56548	19.071	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	42432m	18.344	ug/l	
77) Bromobenzene	12.605	156	60095	19.594	ug/l	99
78) n-propylbenzene	12.672	91	246163	17.704	ug/l	99
79) 2-Chlorotoluene	12.757	91	153607	18.661	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	176635	18.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	19493	17.879	ug/l	96
82) 4-Chlorotoluene	12.855	91	165933	19.167	ug/l	99
83) tert-Butylbenzene	13.074	119	143469	17.619	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	182125	18.752	ug/l	100
85) sec-Butylbenzene	13.251	105	208399	17.600	ug/l	100
86) p-Isopropyltoluene	13.367	119	177293	17.738	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	114443	19.649	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	117332	19.915	ug/l	98
89) n-Butylbenzene	13.696	91	166634	17.669	ug/l	99
90) Hexachloroethane	13.958	117	37949	18.091	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	107752	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10555	18.456	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	65723	19.925	ug/l	99
94) Hexachlorobutadiene	15.111	225	35015	19.930	ug/l	97
95) Naphthalene	15.233	128	134627	19.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59729	19.881	ug/l	100

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

