

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075195.D
 Acq On : 25 Jan 2023 10:50
 Operator : KP/SY
 Sample : VD0125SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBS01

Quant Time: Jan 25 15:54:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/26/2023
 Supervised By :Mahesh Dadoda 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	65989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	119200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	105884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36368	54.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.020%			
35) Dibromofluoromethane	7.805	113	36550	50.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.269	98	146983	51.827	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.575	95	45282	50.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13540	24.629	ug/l	93
3) Chloromethane	2.146	50	19649	23.051	ug/l	96
4) Vinyl Chloride	2.281	62	19869	21.722	ug/l	96
5) Bromomethane	2.681	94	13313	21.402	ug/l	98
6) Chloroethane	2.834	64	13117	20.682	ug/l	99
7) Trichlorofluoromethane	3.175	101	27126	23.332	ug/l	98
8) Diethyl Ether	3.593	74	7333	19.575	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	16729	23.308	ug/l	99
10) Methyl Iodide	4.158	142	17133	17.733	ug/l	99
11) Tert butyl alcohol	5.046	59	4174	88.854	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	16446	21.766	ug/l	99
13) Acrolein	3.793	56	5048	114.858	ug/l	92
14) Allyl chloride	4.564	41	25536	20.824	ug/l	96
15) Acrylonitrile	5.258	53	17476	110.329	ug/l	96
16) Acetone	4.022	43	18485	104.084	ug/l	97
17) Carbon Disulfide	4.275	76	53995	22.032	ug/l	99
18) Methyl Acetate	4.569	43	10678	22.120	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	32502	20.592	ug/l	95
20) Methylene Chloride	4.805	84	21607	18.382	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	18716	22.250	ug/l	97
22) Diisopropyl ether	6.216	45	49341	21.619	ug/l	89
23) Vinyl Acetate	6.158	43	96514	95.946	ug/l	96
24) 1,1-Dichloroethane	6.111	63	32963	22.982	ug/l	99
25) 2-Butanone	7.087	43	22967	106.999	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	26090	20.405	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	19459	21.222	ug/l	98
28) Bromochloromethane	7.428	49	9354	23.886	ug/l	95
29) Tetrahydrofuran	7.452	42	13120	107.167	ug/l	100
30) Chloroform	7.599	83	32243	22.543	ug/l	94
31) Cyclohexane	7.881	56	30504	22.587	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	27125	22.013	ug/l	99
36) 1,1-Dichloropropene	8.010	75	25356	21.910	ug/l	97
37) Ethyl Acetate	7.169	43	9736	20.882	ug/l #	89
38) Carbon Tetrachloride	7.987	117	20373	20.908	ug/l	98
39) Methylcyclohexane	9.275	83	31181	21.863	ug/l	94
40) Benzene	8.252	78	71736	21.736	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6186	22.050	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	18179	20.970	ug/l	99
43) Isopropyl Acetate	8.363	43	18366	20.242	ug/l	98
44) Trichloroethene	9.028	130	18275	19.691	ug/l	81
45) 1,2-Dichloropropane	9.304	63	17450	21.464	ug/l	97
46) Dibromomethane	9.399	93	8758	20.427	ug/l	96
47) Bromodichloromethane	9.581	83	22794	21.429	ug/l	92
48) Methyl methacrylate	9.381	41	9061	20.422	ug/l	96
49) 1,4-Dioxane	9.381	88	1548	378.194	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	46647	107.062	ug/l	97
52) Toluene	10.334	92	44293	21.237	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	20158	20.031	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	24666	20.062	ug/l	96
55) 1,1,2-Trichloroethane	10.740	97	12402	21.857	ug/l	94
56) Ethyl methacrylate	10.599	69	13613	19.950	ug/l	95
57) 1,3-Dichloropropane	10.881	76	20450	20.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	22533	96.505	ug/l	99
59) 2-Hexanone	10.922	43	32728	103.886	ug/l	99
60) Dibromochloromethane	11.075	129	13801	20.180	ug/l	94
61) 1,2-Dibromoethane	11.181	107	11639	21.469	ug/l	99
64) Tetrachloroethene	10.810	164	15695	20.757	ug/l	90
65) Chlorobenzene	11.610	112	46433	21.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	15844	21.710	ug/l	95
67) Ethyl Benzene	11.687	91	82718	21.180	ug/l	98
68) m/p-Xylenes	11.798	106	65017	43.095	ug/l	100
69) o-Xylene	12.122	106	29307	20.709	ug/l	96
70) Styrene	12.134	104	51153	21.743	ug/l	99
71) Bromoform	12.298	173	7978	21.171	ug/l #	92
73) Isopropylbenzene	12.422	105	78608	20.062	ug/l	100
74) N-amyl acetate	12.234	43	16005	18.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	13768	22.053	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	8640m	20.565	ug/l	
77) Bromobenzene	12.704	156	17170	19.184	ug/l	93
78) n-propylbenzene	12.763	91	101002	20.977	ug/l	98
79) 2-Chlorotoluene	12.851	91	53358	20.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	65810	20.500	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3434	18.960	ug/l	96
82) 4-Chlorotoluene	12.945	91	55542	20.399	ug/l	100
83) tert-Butylbenzene	13.169	119	56225	20.242	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	64409	20.430	ug/l	99
85) sec-Butylbenzene	13.345	105	89201	21.140	ug/l	98
86) p-Isopropyltoluene	13.463	119	70491	20.405	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	35809	20.641	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	36004	21.093	ug/l	98
89) n-Butylbenzene	13.792	91	71624	21.276	ug/l	98
90) Hexachloroethane	14.057	117	12264	20.103	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	30480	20.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1924	20.156	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	18364	18.841	ug/l	99
94) Hexachlorobutadiene	15.204	225	9512	19.913	ug/l	97
95) Naphthalene	15.334	128	34761	17.915	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	15232	18.315	ug/l	98

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

