

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080229.D
 Acq On : 03 Feb 2025 16:33
 Operator : RP/MD
 Sample : VD0203SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 06:09:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	204237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82070	54.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.560%			
35) Dibromofluoromethane	7.805	113	72721	50.239	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.480%			
50) Toluene-d8	10.269	98	270015	50.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.575	95	90262	52.406	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33870	27.561	ug/l	99
3) Chloromethane	2.146	50	57788	23.865	ug/l	96
4) Vinyl Chloride	2.281	62	70974	24.228	ug/l	100
5) Bromomethane	2.681	94	46406	23.471	ug/l	97
6) Chloroethane	2.828	64	45021	23.074	ug/l	95
7) Trichlorofluoromethane	3.170	101	50361	20.745	ug/l	95
8) Diethyl Ether	3.593	74	14429	21.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	29221	20.794	ug/l	99
10) Methyl Iodide	4.158	142	29797	28.119	ug/l	99
11) Tert butyl alcohol	5.064	59	9230	110.505	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	28385	21.324	ug/l	82
13) Acrolein	3.799	56	15924	101.112	ug/l	98
14) Allyl chloride	4.558	41	44333	21.611	ug/l	98
15) Acrylonitrile	5.258	53	32006	100.308	ug/l	96
16) Acetone	4.022	43	23864	97.926	ug/l	91
17) Carbon Disulfide	4.269	76	101912	21.227	ug/l	98
18) Methyl Acetate	4.569	43	16993	20.666	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	62787	21.424	ug/l	97
20) Methylene Chloride	4.805	84	33139	20.039	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	32854	21.725	ug/l	94
22) Diisopropyl ether	6.216	45	86682	20.304	ug/l	99
23) Vinyl Acetate	6.158	43	248542	100.838	ug/l	99
24) 1,1-Dichloroethane	6.111	63	59445	21.241	ug/l	98
25) 2-Butanone	7.087	43	38191	101.038	ug/l	98
26) 2,2-Dichloropropane	7.069	77	48888	20.140	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	33891	19.837	ug/l	99
28) Bromochloromethane	7.428	49	25949	20.318	ug/l #	99
29) Tetrahydrofuran	7.446	42	24206	97.774	ug/l	98
30) Chloroform	7.593	83	61790	21.595	ug/l	98
31) Cyclohexane	7.881	56	44091	19.680	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	49385	20.630	ug/l	98
36) 1,1-Dichloropropene	8.010	75	40086	19.335	ug/l	99
37) Ethyl Acetate	7.169	43	17887	17.594	ug/l #	93
38) Carbon Tetrachloride	7.993	117	42115	19.448	ug/l	98
39) Methylcyclohexane	9.275	83	42886	19.040	ug/l	91
40) Benzene	8.252	78	132115	20.330	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9147	16.346	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	35766	19.340	ug/l	99
43) Isopropyl Acetate	8.363	43	35270	19.548	ug/l #	84
44) Trichloroethene	9.028	130	30725	20.466	ug/l	92
45) 1,2-Dichloropropane	9.304	63	30897	18.902	ug/l	95
46) Dibromomethane	9.393	93	18165	19.947	ug/l	99
47) Bromodichloromethane	9.587	83	43473	18.930	ug/l	97
48) Methyl methacrylate	9.381	41	18666	22.356	ug/l #	84
49) 1,4-Dioxane	9.393	88	4229	426.877	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	86619	94.941	ug/l	98
52) Toluene	10.334	92	75995	19.993	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	35787	18.280	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	44655	18.752	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	21234	17.945	ug/l	95
56) Ethyl methacrylate	10.593	69	23150	17.146	ug/l	93
57) 1,3-Dichloropropane	10.881	76	34555	17.656	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	57940	100.545	ug/l	100
59) 2-Hexanone	10.922	43	51324	85.728	ug/l	98
60) Dibromochloromethane	11.069	129	27129	18.601	ug/l	95
61) 1,2-Dibromoethane	11.175	107	19938	18.501	ug/l	99
64) Tetrachloroethene	10.810	164	24254	20.084	ug/l	96
65) Chlorobenzene	11.604	112	77524	19.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	27474	19.819	ug/l	98
67) Ethyl Benzene	11.681	91	125716	19.071	ug/l	99
68) m/p-Xylenes	11.793	106	99632	38.932	ug/l	100
69) o-Xylene	12.122	106	47138	20.199	ug/l	99
70) Styrene	12.134	104	85880	20.674	ug/l	96
71) Bromoform	12.298	173	17132	20.964	ug/l #	93
73) Isopropylbenzene	12.422	105	124147	17.142	ug/l	99
74) N-amyl acetate	12.234	43	30855	16.208	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	27545	18.278	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	17805m	16.440	ug/l	
77) Bromobenzene	12.698	156	32373	17.329	ug/l	99
78) n-propylbenzene	12.763	91	160976	17.458	ug/l	99
79) 2-Chlorotoluene	12.851	91	97525	18.617	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	121925	20.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	9689	18.293	ug/l	94
82) 4-Chlorotoluene	12.945	91	112856	20.273	ug/l	100
83) tert-Butylbenzene	13.163	119	101722	20.543	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	125734	20.395	ug/l	98
85) sec-Butylbenzene	13.345	105	153808	20.316	ug/l	99
86) p-Isopropyltoluene	13.457	119	128111	19.817	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	74173	20.159	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	74526	20.012	ug/l	100
89) n-Butylbenzene	13.787	91	124200	19.771	ug/l	100
90) Hexachloroethane	14.051	117	27818	19.362	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	64100	19.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4883	20.366	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	33193	16.061	ug/l	98
94) Hexachlorobutadiene	15.204	225	19269	17.216	ug/l	97
95) Naphthalene	15.334	128	54143	16.811	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	29185	15.648	ug/l	98

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

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