

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078119.D
 Acq On : 02 Jan 2024 13:01
 Operator : RP/MD
 Sample : VD0102SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 03 00:05:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	159594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69807	49.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.810	113	84029	53.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.240%		
50) Toluene-d8	10.269	98	307276	55.726	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	111.460%		
62) 4-Bromofluorobenzene	12.575	95	95611	53.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	107.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30420	22.240	ug/l	100
3) Chloromethane	2.152	50	34771	18.433	ug/l	98
4) Vinyl Chloride	2.293	62	54026	19.002	ug/l	98
5) Bromomethane	2.693	94	41895	18.378	ug/l	99
6) Chloroethane	2.840	64	39226	18.774	ug/l	95
7) Trichlorofluoromethane	3.187	101	58857	21.507	ug/l	98
8) Diethyl Ether	3.599	74	14248	18.986	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	37337	21.905	ug/l	98
10) Methyl Iodide	4.164	142	36014	22.485	ug/l	93
11) Tert butyl alcohol	5.046	59	8451	122.260	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	33402	22.147	ug/l	94
13) Acrolein	3.805	56	8611	115.136	ug/l	100
14) Allyl chloride	4.569	41	36708	20.136	ug/l	89
15) Acrylonitrile	5.258	53	32739	104.294	ug/l	98
16) Acetone	4.022	43	42345	133.236	ug/l	87
17) Carbon Disulfide	4.275	76	67820	18.199	ug/l #	95
18) Methyl Acetate	4.575	43	20367	17.500	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	72351	21.675	ug/l	93
20) Methylene Chloride	4.805	84	53528	29.453	ug/l	96
21) trans-1,2-Dichloroethene	5.322	96	34723	20.028	ug/l	99
22) Diisopropyl ether	6.216	45	85388	20.970	ug/l	97
23) Vinyl Acetate	6.158	43	162082m	104.118	ug/l	
24) 1,1-Dichloroethane	6.116	63	63732	21.150	ug/l	96
25) 2-Butanone	7.081	43	45300	113.643	ug/l	97
26) 2,2-Dichloropropane	7.081	77	56296	20.794	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	42405	20.617	ug/l	95
28) Bromochloromethane	7.434	49	19392	17.988	ug/l	96
29) Tetrahydrofuran	7.446	42	21230	96.577	ug/l	94
30) Chloroform	7.599	83	69339	21.233	ug/l	96
31) Cyclohexane	7.881	56	44004	19.425	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	59416	21.171	ug/l	100
36) 1,1-Dichloropropene	8.010	75	48306	21.908	ug/l	98
37) Ethyl Acetate	7.169	43	15192	20.716	ug/l	99
38) Carbon Tetrachloride	7.999	117	54823	22.946	ug/l	95
39) Methylcyclohexane	9.275	83	53527	21.174	ug/l	92
40) Benzene	8.252	78	139603	21.967	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10379	22.371	ug/l #	90
42) 1,2-Dichloroethane	8.334	62	38544	22.443	ug/l	98
43) Isopropyl Acetate	8.363	43	31309	21.325	ug/l	97
44) Trichloroethene	9.034	130	41805	22.865	ug/l	98
45) 1,2-Dichloropropane	9.310	63	35745	22.197	ug/l	91
46) Dibromomethane	9.399	93	20337	22.548	ug/l	99
47) Bromodichloromethane	9.581	83	52115	22.245	ug/l #	95
48) Methyl methacrylate	9.381	41	15176	18.341	ug/l	96
49) 1,4-Dioxane	9.387	88	3589	420.936	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	83066	110.262	ug/l	91
52) Toluene	10.334	92	97812	23.730	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	47284	22.245	ug/l	94
54) cis-1,3-Dichloropropene	10.022	75	56867	22.278	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	28757	22.657	ug/l	95
56) Ethyl methacrylate	10.593	69	22157	21.998	ug/l #	92
57) 1,3-Dichloropropane	10.875	76	46533	22.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	42920	98.422	ug/l	99
59) 2-Hexanone	10.922	43	66612	113.833	ug/l	93
60) Dibromochloromethane	11.075	129	36469	22.555	ug/l	96
61) 1,2-Dibromoethane	11.181	107	26984	22.176	ug/l	97
64) Tetrachloroethene	10.810	164	34604	23.070	ug/l	92
65) Chlorobenzene	11.604	112	103214	21.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	40476	22.676	ug/l	96
67) Ethyl Benzene	11.681	91	176985	21.527	ug/l	94
68) m/p-Xylenes	11.793	106	140166	43.805	ug/l	97
69) o-Xylene	12.122	106	64860	21.749	ug/l	96
70) Styrene	12.134	104	97394	22.119	ug/l	96
71) Bromoform	12.298	173	22533	22.882	ug/l #	99
73) Isopropylbenzene	12.422	105	174471	22.457	ug/l	98
74) N-amyl acetate	12.234	43	27928	21.654	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	31413	22.247	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	20438m	21.476	ug/l	
77) Bromobenzene	12.698	156	44214	23.393	ug/l	98
78) n-propylbenzene	12.763	91	208002	22.242	ug/l	99
79) 2-Chlorotoluene	12.851	91	114435	22.623	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	145103	22.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9190	20.808	ug/l	92
82) 4-Chlorotoluene	12.946	91	122283	22.548	ug/l	98
83) tert-Butylbenzene	13.169	119	130542	22.678	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	149159	22.789	ug/l	96
85) sec-Butylbenzene	13.345	105	188678	22.958	ug/l	98
86) p-Isopropyltoluene	13.463	119	165304	22.476	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	88667	22.674	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	87169	22.728	ug/l	97
89) n-Butylbenzene	13.787	91	151529	22.446	ug/l	98
90) Hexachloroethane	14.051	117	34596	23.529	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	76255	22.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4771	24.125	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	50106	22.852	ug/l	98
94) Hexachlorobutadiene	15.204	225	29546	23.984	ug/l	99
95) Naphthalene	15.334	128	83819	22.455	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	43769	23.526	ug/l	97

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

