

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079291.D
 Acq On : 01 Jul 2024 12:09
 Operator : RP/MD
 Sample : VD0701SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

Quant Time: Jul 01 15:36:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	173732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	330107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89124	52.677	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.360%			
35) Dibromofluoromethane	7.804	113	101306	46.753	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.500%			
50) Toluene-d8	10.269	98	343220	44.030	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.060%			
62) 4-Bromofluorobenzene	12.569	95	123807	49.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38485	19.599	ug/l	97
3) Chloromethane	2.146	50	59036	19.827	ug/l	93
4) Vinyl Chloride	2.281	62	66728	20.098	ug/l	96
5) Bromomethane	2.681	94	52623	17.184	ug/l	99
6) Chloroethane	2.828	64	46380	19.692	ug/l	95
7) Trichlorofluoromethane	3.169	101	69149	18.208	ug/l	99
8) Diethyl Ether	3.593	74	21621	19.355	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.963	101	44222	18.742	ug/l	94
10) Methyl Iodide	4.163	142	43634	22.848	ug/l	98
11) Tert butyl alcohol	5.057	59	10512	90.428	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	41130	18.007	ug/l	95
13) Acrolein	3.799	56	20645	89.799	ug/l	100
14) Allyl chloride	4.557	41	54920	18.841	ug/l	88
15) Acrylonitrile	5.252	53	45699	89.756	ug/l	96
16) Acetone	4.022	43	33214	80.551	ug/l	99
17) Carbon Disulfide	4.269	76	150572	18.766	ug/l	99
18) Methyl Acetate	4.563	43	23750	19.826	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	88714	18.957	ug/l	94
20) Methylene Chloride	4.804	84	54782	15.474	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	45718	17.813	ug/l #	80
22) Diisopropyl ether	6.216	45	127330	20.077	ug/l #	94
23) Vinyl Acetate	6.151	43	457879	95.363	ug/l	93
24) 1,1-Dichloroethane	6.116	63	85687	19.271	ug/l	96
25) 2-Butanone	7.081	43	50382	87.706	ug/l	92
26) 2,2-Dichloropropane	7.075	77	65781	18.739	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	51606	18.353	ug/l	83
28) Bromochloromethane	7.428	49	34921	18.836	ug/l #	71
29) Tetrahydrofuran	7.440	42	32338	90.619	ug/l #	86
30) Chloroform	7.593	83	88982	19.399	ug/l	98
31) Cyclohexane	7.881	56	68851	18.643	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	73696	19.575	ug/l	98
36) 1,1-Dichloropropene	8.004	75	60026	17.831	ug/l	96
37) Ethyl Acetate	7.163	43	26843	20.947	ug/l	95
38) Carbon Tetrachloride	7.987	117	63918	18.696	ug/l	95
39) Methylcyclohexane	9.275	83	67758	17.108	ug/l #	88
40) Benzene	8.251	78	195421	18.606	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	13043	18.517	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	48433	19.174	ug/l	95
43) Isopropyl Acetate	8.357	43	46066	18.627	ug/l	96
44) Trichloroethene	9.028	130	44276	18.455	ug/l	95
45) 1,2-Dichloropropane	9.304	63	47877	18.721	ug/l	94
46) Dibromomethane	9.392	93	26637	18.365	ug/l	89
47) Bromodichloromethane	9.581	83	67594	19.044	ug/l	97
48) Methyl methacrylate	9.381	41	20694	18.545	ug/l	83
49) 1,4-Dioxane	9.387	88	4959	333.655	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	118192	91.836	ug/l	98
52) Toluene	10.334	92	119664	18.715	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	58430	18.229	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	69618	18.102	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	32702	17.481	ug/l	93
56) Ethyl methacrylate	10.598	69	40070	18.484	ug/l	96
57) 1,3-Dichloropropane	10.881	76	59556	18.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	92603	94.059	ug/l #	88
59) 2-Hexanone	10.922	43	80467	88.043	ug/l	95
60) Dibromochloromethane	11.075	129	42266	17.899	ug/l	95
61) 1,2-Dibromoethane	11.175	107	32738	19.088	ug/l	100
64) Tetrachloroethene	10.810	164	35336	18.349	ug/l	93
65) Chlorobenzene	11.604	112	126147	18.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	41826	17.874	ug/l	97
67) Ethyl Benzene	11.681	91	213241	17.775	ug/l	94
68) m/p-Xylenes	11.792	106	167025	36.096	ug/l	85
69) o-Xylene	12.122	106	75289	18.112	ug/l	87
70) Styrene	12.133	104	135751	18.312	ug/l	96
71) Bromoform	12.298	173	23187	18.271	ug/l #	99
73) Isopropylbenzene	12.416	105	193238	17.949	ug/l	96
74) N-amyl acetate	12.228	43	43210	18.286	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	41126	18.325	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	25987m	17.931	ug/l	
77) Bromobenzene	12.698	156	44296	18.291	ug/l	80
78) n-propylbenzene	12.763	91	249996	18.138	ug/l	93
79) 2-Chlorotoluene	12.845	91	138926	18.030	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	161447	17.712	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13377	17.127	ug/l	98
82) 4-Chlorotoluene	12.945	91	149170	18.426	ug/l	93
83) tert-Butylbenzene	13.163	119	129782	17.577	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	166443	18.244	ug/l	94
85) sec-Butylbenzene	13.339	105	212915	18.123	ug/l	95
86) p-Isopropyltoluene	13.457	119	171502	17.686	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	91969	17.859	ug/l	94
88) 1,4-Dichlorobenzene	13.533	146	94237	18.413	ug/l	95
89) n-Butylbenzene	13.786	91	167422	17.595	ug/l	96
90) Hexachloroethane	14.051	117	37579	17.619	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	82254	18.561	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5677	18.451	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	43184	18.275	ug/l	97
94) Hexachlorobutadiene	15.198	225	23497	17.882	ug/l	99
95) Naphthalene	15.327	128	82231	17.829	ug/l	95
96) 1,2,3-Trichlorobenzene	15.516	180	38030	18.201	ug/l	97

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

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