

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079349.D
 Acq On : 08 Jul 2024 19:01
 Operator : RP/MD
 Sample : VD0708SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Quant Time: Jul 08 18:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	165985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108305	55.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.740%			
35) Dibromofluoromethane	7.805	113	124345	56.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.880%			
50) Toluene-d8	10.269	98	489797	57.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.340%			
62) 4-Bromofluorobenzene	12.569	95	151954	57.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30120	19.572	ug/l	98
3) Chloromethane	2.146	50	41430	20.106	ug/l	96
4) Vinyl Chloride	2.275	62	50169	23.689	ug/l	96
5) Bromomethane	2.664	94	32335	22.591	ug/l	97
6) Chloroethane	2.822	64	21891	19.292	ug/l	96
7) Trichlorofluoromethane	3.164	101	65707	21.234	ug/l	96
8) Diethyl Ether	3.587	74	20199	20.433	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	41857	21.565	ug/l	99
10) Methyl Iodide	4.158	142	40197	18.775	ug/l	97
11) Tert butyl alcohol	5.052	59	11866	95.033	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	41052	21.297	ug/l	92
13) Acrolein	3.793	56	16684	107.779	ug/l	99
14) Allyl chloride	4.546	41	45808	18.649	ug/l	92
15) Acrylonitrile	5.246	53	46433	101.973	ug/l	98
16) Acetone	4.022	43	33834	90.947	ug/l	88
17) Carbon Disulfide	4.258	76	127628	20.958	ug/l	99
18) Methyl Acetate	4.558	43	25502	21.908	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	87841	20.505	ug/l	93
20) Methylene Chloride	4.793	84	68268	17.712	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	44570	20.815	ug/l	93
22) Diisopropyl ether	6.216	45	113606	20.653	ug/l	96
23) Vinyl Acetate	6.152	43	411574	97.772	ug/l	96
24) 1,1-Dichloroethane	6.110	63	76264	20.563	ug/l	94
25) 2-Butanone	7.075	43	51218	96.925	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	61799	19.895	ug/l	98
27) cis-1,2-Dichloroethene	7.069	96	52606	21.044	ug/l	92
28) Bromochloromethane	7.416	49	32466	20.768	ug/l	80
29) Tetrahydrofuran	7.440	42	31114	96.602	ug/l	91
30) Chloroform	7.593	83	83944	21.560	ug/l	100
31) Cyclohexane	7.875	56	57259	19.357	ug/l #	94
32) 1,1,1-Trichloroethane	7.787	97	68341	20.997	ug/l	99
36) 1,1-Dichloropropene	8.005	75	55503	19.830	ug/l	97
37) Ethyl Acetate	7.169	43	23422	19.324	ug/l	99
38) Carbon Tetrachloride	7.987	117	60880	20.664	ug/l	93
39) Methylcyclohexane	9.269	83	63085	19.329	ug/l	95
40) Benzene	8.246	78	184164	20.552	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11245	18.046	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	43587	20.121	ug/l	97
43) Isopropyl Acetate	8.357	43	43071	19.445	ug/l #	81
44) Trichloroethene	9.028	130	44237	20.709	ug/l	91
45) 1,2-Dichloropropane	9.299	63	44127	20.173	ug/l	100
46) Dibromomethane	9.393	93	26743	20.851	ug/l	92
47) Bromodichloromethane	9.581	83	62470	19.921	ug/l	96
48) Methyl methacrylate	9.375	41	19402	19.398	ug/l	92
49) 1,4-Dioxane	9.381	88	5652	389.134	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	113452	95.658	ug/l	97
52) Toluene	10.328	92	116069	21.041	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57712	20.315	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	66510	19.600	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	35844	20.818	ug/l	95
56) Ethyl methacrylate	10.598	69	39372	19.021	ug/l	96
57) 1,3-Dichloropropane	10.875	76	59679	21.125	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	89679	93.943	ug/l	94
59) 2-Hexanone	10.922	43	81185	95.805	ug/l	99
60) Dibromochloromethane	11.069	129	46187	20.899	ug/l	95
61) 1,2-Dibromoethane	11.175	107	33438	20.597	ug/l	96
64) Tetrachloroethene	10.804	164	37901	22.016	ug/l	91
65) Chlorobenzene	11.604	112	128030	20.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	45899	22.070	ug/l	97
67) Ethyl Benzene	11.681	91	208690	20.280	ug/l	97
68) m/p-Xylenes	11.787	106	167284	42.099	ug/l	90
69) o-Xylene	12.122	106	75849	20.400	ug/l	88
70) Styrene	12.134	104	139720	21.059	ug/l	96
71) Bromoform	12.298	173	26828	22.266	ug/l #	100
73) Isopropylbenzene	12.416	105	195002	20.368	ug/l	98
74) N-amyl acetate	12.228	43	40780	18.954	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	43421	21.467	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	24751m	17.960	ug/l	
77) Bromobenzene	12.698	156	48593	21.451	ug/l	85
78) n-propylbenzene	12.757	91	248423	20.819	ug/l	96
79) 2-Chlorotoluene	12.845	91	144626	21.133	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	169922	20.940	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	15127	20.696	ug/l	95
82) 4-Chlorotoluene	12.945	91	152983	21.005	ug/l	94
83) tert-Butylbenzene	13.163	119	138204	20.395	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	174699	21.224	ug/l	94
85) sec-Butylbenzene	13.340	105	218310	21.019	ug/l	97
86) p-Isopropyltoluene	13.457	119	177046	20.584	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	102097	21.372	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	103907	21.610	ug/l	96
89) n-Butylbenzene	13.787	91	168463	20.147	ug/l	97
90) Hexachloroethane	14.051	117	40184	21.147	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	90731	21.410	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5893	20.743	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	47637	20.004	ug/l	96
94) Hexachlorobutadiene	15.198	225	25901	20.508	ug/l	98
95) Naphthalene	15.328	128	93961	19.847	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	42525	19.991	ug/l	97

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

