

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079716.D
 Acq On : 13 Aug 2024 13:10
 Operator : RP/MD
 Sample : VD0813SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 05:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	173137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108633	54.537	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.080%			
35) Dibromofluoromethane	7.805	113	105448	52.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.080%			
50) Toluene-d8	10.269	98	445900	53.158	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.569	95	124698	53.093	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	44549	29.261	ug/l	92
3) Chloromethane	2.146	50	85140	25.461	ug/l	97
4) Vinyl Chloride	2.281	62	100182	25.343	ug/l	96
5) Bromomethane	2.681	94	60401	22.448	ug/l	96
6) Chloroethane	2.828	64	67145	24.884	ug/l	99
7) Trichlorofluoromethane	3.169	101	84788	23.983	ug/l	100
8) Diethyl Ether	3.593	74	25102	22.707	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	46806	22.489	ug/l	95
10) Methyl Iodide	4.158	142	45631	19.588	ug/l	95
11) Tert butyl alcohol	5.058	59	15454	156.339	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	51434	23.634	ug/l	93
13) Acrolein	3.793	56	27419	118.341	ug/l	97
14) Allyl chloride	4.552	41	75007	22.979	ug/l #	81
15) Acrylonitrile	5.246	53	61491	120.829	ug/l	100
16) Acetone	4.022	43	54019	126.077	ug/l	93
17) Carbon Disulfide	4.263	76	177562	23.017	ug/l	99
18) Methyl Acetate	4.564	43	29880	22.002	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	107840	24.133	ug/l	96
20) Methylene Chloride	4.799	84	76376	24.771	ug/l #	81
21) trans-1,2-Dichloroethene	5.311	96	56419	23.613	ug/l	84
22) Diisopropyl ether	6.222	45	163389	24.291	ug/l #	90
23) Vinyl Acetate	6.158	43	624819	126.729	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	98370	22.123	ug/l	95
25) 2-Butanone	7.081	43	72575	118.427	ug/l	100
26) 2,2-Dichloropropane	7.069	77	78575	22.375	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	61344	22.134	ug/l	84
28) Bromochloromethane	7.422	49	42823	22.639	ug/l #	64
29) Tetrahydrofuran	7.446	42	46787	125.588	ug/l #	77
30) Chloroform	7.593	83	98954	22.917	ug/l	96
31) Cyclohexane	7.875	56	80639	22.148	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	81437	22.797	ug/l	97
36) 1,1-Dichloropropene	8.010	75	71919	23.118	ug/l	94
37) Ethyl Acetate	7.163	43	33194	23.577	ug/l #	73
38) Carbon Tetrachloride	7.993	117	71196	22.546	ug/l #	92
39) Methylcyclohexane	9.275	83	83555	22.724	ug/l	96
40) Benzene	8.246	78	227429	22.478	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17780	23.979	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	54184	23.168	ug/l	94
43) Isopropyl Acetate	8.357	43	58802	23.948	ug/l #	94
44) Trichloroethene	9.028	130	49033	22.065	ug/l	86
45) 1,2-Dichloropropane	9.304	63	57815	23.215	ug/l	96
46) Dibromomethane	9.393	93	28698	22.761	ug/l #	88
47) Bromodichloromethane	9.581	83	71852	22.607	ug/l	99
48) Methyl methacrylate	9.381	41	27342	24.210	ug/l #	80
49) 1,4-Dioxane	9.381	88	6521	513.879	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	156487	123.879	ug/l	92
52) Toluene	10.334	92	139691	23.024	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	67651	22.770	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	83192	22.814	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	38299	22.787	ug/l	95
56) Ethyl methacrylate	10.598	69	48386	25.013	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	67811	23.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	109340	119.292	ug/l #	87
59) 2-Hexanone	10.922	43	110702	128.863	ug/l	92
60) Dibromochloromethane	11.069	129	47751	23.059	ug/l	98
61) 1,2-Dibromoethane	11.181	107	33785	22.637	ug/l	96
64) Tetrachloroethene	10.810	164	39173	21.660	ug/l	90
65) Chlorobenzene	11.604	112	142266	21.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46705	22.042	ug/l	99
67) Ethyl Benzene	11.681	91	247760	21.726	ug/l	100
68) m/p-Xylenes	11.793	106	196475	44.306	ug/l	92
69) o-Xylene	12.116	106	86822	21.422	ug/l	85
70) Styrene	12.134	104	158064	22.231	ug/l	95
71) Bromoform	12.293	173	25049	22.998	ug/l #	99
73) Isopropylbenzene	12.416	105	231636	22.124	ug/l	98
74) N-amyl acetate	12.234	43	59385	25.458	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	44764	22.898	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	29112m	23.945	ug/l	
77) Bromobenzene	12.698	156	52077	22.240	ug/l	82
78) n-propylbenzene	12.757	91	291000	22.461	ug/l	96
79) 2-Chlorotoluene	12.845	91	159595	22.121	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	196023	22.577	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	16971	23.788	ug/l	99
82) 4-Chlorotoluene	12.945	91	167750	22.112	ug/l	95
83) tert-Butylbenzene	13.163	119	159977	21.832	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	196746	22.149	ug/l	99
85) sec-Butylbenzene	13.339	105	254122	22.506	ug/l	97
86) p-Isopropyltoluene	13.457	119	209754	22.113	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	110117	22.090	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	108403	22.030	ug/l	97
89) n-Butylbenzene	13.787	91	201402	22.525	ug/l	97
90) Hexachloroethane	14.051	117	42067	21.614	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	96962	22.585	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6700	25.108	ug/l	73
93) 1,2,4-Trichlorobenzene	15.098	180	53108	21.503	ug/l	97
94) Hexachlorobutadiene	15.198	225	27844	22.418	ug/l	95
95) Naphthalene	15.328	128	111446	23.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	45786	21.149	ug/l	97

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

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