

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075598.D
 Acq On : 07 Apr 2023 13:52
 Operator : KP/SY
 Sample : VD0407SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0407SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 10 02:03:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	174859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	293415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95554	60.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.440%			
35) Dibromofluoromethane	7.804	113	116595	58.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.040%			
50) Toluene-d8	10.269	98	463741	58.414	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.820%			
62) 4-Bromofluorobenzene	12.575	95	133857	58.326	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35191	20.182	ug/l	97
3) Chloromethane	2.146	50	61909	21.267	ug/l	99
4) Vinyl Chloride	2.287	62	86895	20.707	ug/l	97
5) Bromomethane	2.687	94	67438	20.513	ug/l	99
6) Chloroethane	2.834	64	59048	21.008	ug/l	100
7) Trichlorofluoromethane	3.175	101	72248	21.361	ug/l	96
8) Diethyl Ether	3.587	74	19387	21.473	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.963	101	46278	21.029	ug/l	96
10) Methyl Iodide	4.157	142	47714	18.174	ug/l	90
11) Tert butyl alcohol	5.057	59	8451	115.347	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	43596	20.059	ug/l	87
13) Acrolein	3.793	56	15662	107.431	ug/l	97
14) Allyl chloride	4.563	41	35209	18.829	ug/l #	78
15) Acrylonitrile	5.246	53	36687	110.810	ug/l	95
16) Acetone	4.022	43	31668	108.265	ug/l #	72
17) Carbon Disulfide	4.269	76	134287	20.479	ug/l	97
18) Methyl Acetate	4.563	43	18746	22.317	ug/l #	71
19) Methyl tert-butyl Ether	5.310	73	82132	21.792	ug/l	95
20) Methylene Chloride	4.793	84	59816	23.440	ug/l #	72
21) trans-1,2-Dichloroethene	5.304	96	51472	20.833	ug/l #	65
22) Diisopropyl ether	6.210	45	89565	22.098	ug/l #	92
23) Vinyl Acetate	6.157	43	208985	106.249	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	76066	21.668	ug/l #	95
25) 2-Butanone	7.081	43	41140	111.198	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	68691	21.274	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	56152	21.209	ug/l	82
28) Bromochloromethane	7.422	49	25373	22.419	ug/l #	44
29) Tetrahydrofuran	7.445	42	22727	112.868	ug/l #	56
30) Chloroform	7.593	83	84469	21.665	ug/l	95
31) Cyclohexane	7.875	56	56183	19.880	ug/l #	65
32) 1,1,1-Trichloroethane	7.793	97	72392	21.175	ug/l	94
36) 1,1-Dichloropropene	8.010	75	62592	21.017	ug/l	94
37) Ethyl Acetate	7.169	43	18084	23.305	ug/l #	80
38) Carbon Tetrachloride	7.992	117	59222	20.754	ug/l	96
39) Methylcyclohexane	9.275	83	72571	19.327	ug/l #	86
40) Benzene	8.251	78	198261	22.214	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8961m	21.915	ug/l	
42) 1,2-Dichloroethane	8.328	62	45922	23.375	ug/l	89
43) Isopropyl Acetate	8.363	43	32706	22.778	ug/l #	72
44) Trichloroethene	9.028	130	55196	21.042	ug/l	96
45) 1,2-Dichloropropane	9.304	63	41593	21.678	ug/l	97
46) Dibromomethane	9.392	93	27296	23.083	ug/l	96
47) Bromodichloromethane	9.581	83	64747	22.611	ug/l	94
48) Methyl methacrylate	9.381	41	15043	22.301	ug/l #	59
49) 1,4-Dioxane	9.392	88	4460	415.761	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	83104	111.292	ug/l #	77
52) Toluene	10.334	92	124899	21.595	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	55820	21.670	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	68575	21.677	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	38416	22.948	ug/l	94
56) Ethyl methacrylate	10.598	69	34784	21.823	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	58594	22.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87844	112.610	ug/l #	87
59) 2-Hexanone	10.922	43	59635	112.930	ug/l	74
60) Dibromochloromethane	11.075	129	43520	22.004	ug/l	96
61) 1,2-Dibromoethane	11.181	107	35820	22.720	ug/l	99
64) Tetrachloroethene	10.810	164	45176	21.325	ug/l	96
65) Chlorobenzene	11.610	112	132547	20.820	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	46808	21.462	ug/l	96
67) Ethyl Benzene	11.686	91	220909	20.149	ug/l	93
68) m/p-Xylenes	11.792	106	186045	42.219	ug/l	90
69) o-Xylene	12.122	106	81112	19.820	ug/l	95
70) Styrene	12.133	104	141972	20.855	ug/l	94
71) Bromoform	12.304	173	24945	22.399	ug/l #	99
73) Isopropylbenzene	12.422	105	210777	19.309	ug/l	100
74) N-amyl acetate	12.233	43	28817	21.311	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	41760	22.557	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26364m	23.583	ug/l	
77) Bromobenzene	12.704	156	52433	20.205	ug/l	91
78) n-propylbenzene	12.763	91	263085	19.835	ug/l	99
79) 2-Chlorotoluene	12.851	91	144879	20.158	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	178154	19.902	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	11490	21.619	ug/l #	71
82) 4-Chlorotoluene	12.945	91	152696	20.589	ug/l	93
83) tert-Butylbenzene	13.169	119	149209	19.179	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	175708	20.311	ug/l	95
85) sec-Butylbenzene	13.345	105	233839	19.415	ug/l	100
86) p-Isopropyltoluene	13.463	119	193772	19.689	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	110626	20.623	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	108722	20.488	ug/l	99
89) n-Butylbenzene	13.786	91	176965	19.606	ug/l	99
90) Hexachloroethane	14.057	117	38455	20.235	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	94183	20.748	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5249	22.530	ug/l	85
93) 1,2,4-Trichlorobenzene	15.104	180	50368	19.026	ug/l	96
94) Hexachlorobutadiene	15.204	225	24412	19.335	ug/l	97
95) Naphthalene	15.333	128	90208	18.563	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	42654	18.673	ug/l	99

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

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