

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075398.D
 Acq On : 22 Feb 2023 13:44
 Operator : KP/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 22:37:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	55662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	91632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	85709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25221	52.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.600%			
35) Dibromofluoromethane	7.810	113	26749	49.174	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.340%			
50) Toluene-d8	10.269	98	88062	44.858	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.575	95	31397	47.629	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14266	22.926	ug/l	96
3) Chloromethane	2.146	50	20511	22.528	ug/l	94
4) Vinyl Chloride	2.281	62	20674	21.390	ug/l	90
5) Bromomethane	2.681	94	11667	21.258	ug/l	99
6) Chloroethane	2.828	64	13392	20.051	ug/l	94
7) Trichlorofluoromethane	3.175	101	23723	20.897	ug/l	94
8) Diethyl Ether	3.593	74	5872	22.215	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	13671	21.129	ug/l	98
10) Methyl Iodide	4.163	142	11934	20.608	ug/l	95
11) Tert butyl alcohol	5.046	59	3198	74.141	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	12898	21.382	ug/l	96
13) Acrolein	3.799	56	1894	142.149	ug/l	92
14) Allyl chloride	4.569	41	20167	21.142	ug/l	97
15) Acrylonitrile	5.263	53	14106	110.532	ug/l	97
16) Acetone	4.028	43	12581	87.333	ug/l	93
17) Carbon Disulfide	4.275	76	42189	19.858	ug/l	97
18) Methyl Acetate	4.569	43	10109	22.394	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	25519	20.895	ug/l	99
20) Methylene Chloride	4.799	84	17520	21.795	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	13856	20.550	ug/l	88
22) Diisopropyl ether	6.210	45	39128	21.475	ug/l	92
23) Vinyl Acetate	6.152	43	61570	116.558	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	25033	20.922	ug/l	94
25) 2-Butanone	7.093	43	17775	98.943	ug/l #	89
26) 2,2-Dichloropropane	7.081	77	20877	20.062	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14988	20.896	ug/l	98
28) Bromochloromethane	7.422	49	6388	24.263	ug/l #	99
29) Tetrahydrofuran	7.452	42	11156	110.101	ug/l	96
30) Chloroform	7.599	83	25095	20.885	ug/l	93
31) Cyclohexane	7.875	56	23386	20.701	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	23209	20.984	ug/l	97
36) 1,1-Dichloropropene	8.016	75	19897	20.408	ug/l	98
37) Ethyl Acetate	7.163	43	7821	20.497	ug/l #	95
38) Carbon Tetrachloride	7.999	117	18614	19.055	ug/l	95
39) Methylcyclohexane	9.275	83	22448	19.534	ug/l	98
40) Benzene	8.252	78	55358	20.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	2935m	13.412	ug/l	
42) 1,2-Dichloroethane	8.328	62	16306	21.880	ug/l	100
43) Isopropyl Acetate	8.363	43	15160	21.146	ug/l #	83
44) Trichloroethene	9.028	130	14740	20.615	ug/l	98
45) 1,2-Dichloropropane	9.304	63	14210	21.832	ug/l	99
46) Dibromomethane	9.399	93	7407	20.900	ug/l	95
47) Bromodichloromethane	9.587	83	18920	20.979	ug/l	89
48) Methyl methacrylate	9.387	41	7654	21.237	ug/l	95
49) 1,4-Dioxane	9.381	88	1404	453.492	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	38833	106.952	ug/l	97
52) Toluene	10.334	92	34565	21.035	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	16006	21.678	ug/l #	88
54) cis-1,3-Dichloropropene	10.022	75	19205	21.455	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	9491	20.671	ug/l	97
56) Ethyl methacrylate	10.598	69	10437	20.428	ug/l	99
57) 1,3-Dichloropropane	10.881	76	16253	20.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	13384	121.330	ug/l	98
59) 2-Hexanone	10.922	43	25685	100.248	ug/l	97
60) Dibromochloromethane	11.075	129	12412	21.144	ug/l	97
61) 1,2-Dibromoethane	11.181	107	9345	21.465	ug/l	97
64) Tetrachloroethene	10.810	164	12349	20.129	ug/l	94
65) Chlorobenzene	11.610	112	36140	20.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	12798	19.660	ug/l	95
67) Ethyl Benzene	11.687	91	64364	19.798	ug/l	97
68) m/p-Xylenes	11.798	106	51305	40.259	ug/l	99
69) o-Xylene	12.122	106	23733	20.335	ug/l	100
70) Styrene	12.140	104	38769	19.903	ug/l	98
71) Bromoform	12.298	173	7355	22.046	ug/l #	98
73) Isopropylbenzene	12.422	105	62059	20.106	ug/l	100
74) N-amyl acetate	12.234	43	13279	20.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10961	21.190	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	8556m	27.888	ug/l	
77) Bromobenzene	12.704	156	14404	20.647	ug/l	99
78) n-propylbenzene	12.769	91	78330	20.282	ug/l	99
79) 2-Chlorotoluene	12.851	91	42801	20.523	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	52970	20.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2237	21.419	ug/l	95
82) 4-Chlorotoluene	12.951	91	44384	20.172	ug/l	99
83) tert-Butylbenzene	13.169	119	44294	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52091	20.646	ug/l	100
85) sec-Butylbenzene	13.351	105	68268	20.012	ug/l	99
86) p-Isopropyltoluene	13.463	119	56967	20.555	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29588	20.592	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	29037	20.598	ug/l	98
89) n-Butylbenzene	13.792	91	54522	19.998	ug/l	99
90) Hexachloroethane	14.057	117	11701	21.047	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	25169	20.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1608	21.458	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	13923	19.005	ug/l	97
94) Hexachlorobutadiene	15.204	225	7987	18.836	ug/l	99
95) Naphthalene	15.333	128	26087	20.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	12297	19.852	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

