

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078585.D
 Acq On : 04 Mar 2024 12:51
 Operator : RP/MD
 Sample : VD0304SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

Quant Time: Mar 05 04:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72056	50.705	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.400%			
35) Dibromofluoromethane	7.804	113	78595	49.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.420%			
50) Toluene-d8	10.269	98	299749	48.300	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.600%			
62) 4-Bromofluorobenzene	12.569	95	88353	49.845	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28200	22.924	ug/l	97
3) Chloromethane	2.146	50	54895	24.787	ug/l	96
4) Vinyl Chloride	2.275	62	84466	23.970	ug/l	100
5) Bromomethane	2.675	94	62533	22.219	ug/l	99
6) Chloroethane	2.822	64	62156	23.799	ug/l	100
7) Trichlorofluoromethane	3.163	101	51159	21.471	ug/l	96
8) Diethyl Ether	3.599	74	14673	21.930	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.957	101	30384	20.233	ug/l	98
10) Methyl Iodide	4.157	142	27194	17.305	ug/l #	90
11) Tert butyl alcohol	5.069	59	10325	152.856	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	29061	20.729	ug/l	92
13) Acrolein	3.799	56	17065	121.084	ug/l	95
14) Allyl chloride	4.557	41	31330	19.621	ug/l	94
15) Acrylonitrile	5.257	53	33458	121.295	ug/l	99
16) Acetone	4.028	43	32537	119.509	ug/l #	86
17) Carbon Disulfide	4.263	76	87991	18.839	ug/l	98
18) Methyl Acetate	4.569	43	14088	27.338	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	63351	22.225	ug/l	92
20) Methylene Chloride	4.793	84	59324	26.898	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	32808	19.477	ug/l	95
22) Diisopropyl ether	6.222	45	76315	21.317	ug/l	94
23) Vinyl Acetate	6.157	43	239274	112.533	ug/l	99
24) 1,1-Dichloroethane	6.110	63	55278	20.438	ug/l	99
25) 2-Butanone	7.087	43	44542	129.698	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	45963	20.116	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	36772	19.936	ug/l	96
28) Bromochloromethane	7.428	49	22232	22.003	ug/l	87
29) Tetrahydrofuran	7.446	42	23977	125.667	ug/l	95
30) Chloroform	7.593	83	60061	20.567	ug/l	90
31) Cyclohexane	7.875	56	43765	19.676	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	51727	20.648	ug/l	97
36) 1,1-Dichloropropene	8.004	75	43738	19.791	ug/l	98
37) Ethyl Acetate	7.175	43	15091	21.074	ug/l #	92
38) Carbon Tetrachloride	7.993	117	46529	20.129	ug/l	95
39) Methylcyclohexane	9.269	83	49990	19.272	ug/l	95
40) Benzene	8.251	78	131586	20.087	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6846	17.837	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	35935	21.623	ug/l	95
43) Isopropyl Acetate	8.363	43	32094	23.377	ug/l	95
44) Trichloroethene	9.034	130	35340	19.659	ug/l	92
45) 1,2-Dichloropropane	9.304	63	32828	20.862	ug/l	95
46) Dibromomethane	9.392	93	19549	21.550	ug/l	94
47) Bromodichloromethane	9.587	83	46938	20.984	ug/l	98
48) Methyl methacrylate	9.381	41	14358	23.088	ug/l	93
49) 1,4-Dioxane	9.387	88	5304	567.574	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	89751	126.659	ug/l	92
52) Toluene	10.334	92	84348	20.067	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	44055	21.290	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	50593	20.420	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	28049	21.959	ug/l	93
56) Ethyl methacrylate	10.598	69	29364	22.936	ug/l	92
57) 1,3-Dichloropropane	10.875	76	46188	22.313	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	73224	141.967	ug/l	96
59) 2-Hexanone	10.922	43	69232	131.724	ug/l	88
60) Dibromochloromethane	11.069	129	33265	21.567	ug/l	98
61) 1,2-Dibromoethane	11.175	107	25927	22.116	ug/l	96
64) Tetrachloroethene	10.810	164	30140	20.875	ug/l	99
65) Chlorobenzene	11.604	112	91897	20.336	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	33763	20.069	ug/l	96
67) Ethyl Benzene	11.681	91	153537	19.609	ug/l	99
68) m/p-Xylenes	11.792	106	123032	38.840	ug/l	93
69) o-Xylene	12.122	106	56169	19.546	ug/l	96
70) Styrene	12.133	104	97504	19.575	ug/l	97
71) Bromoform	12.298	173	20192	22.562	ug/l #	99
73) Isopropylbenzene	12.422	105	146252	19.494	ug/l	96
74) N-amyl acetate	12.233	43	29725	23.539	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	32767	22.798	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	19698m	21.792	ug/l	
77) Bromobenzene	12.698	156	37661	20.756	ug/l	94
78) n-propylbenzene	12.763	91	182394	19.875	ug/l	97
79) 2-Chlorotoluene	12.845	91	99007	20.105	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	122060	19.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9656	22.865	ug/l	95
82) 4-Chlorotoluene	12.945	91	106909	20.371	ug/l	97
83) tert-Butylbenzene	13.163	119	100677	19.152	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	122532	19.637	ug/l	99
85) sec-Butylbenzene	13.345	105	160641	19.588	ug/l	98
86) p-Isopropyltoluene	13.457	119	134291	19.452	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	78467	20.239	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	75833	19.523	ug/l	96
89) n-Butylbenzene	13.786	91	127400	19.747	ug/l	97
90) Hexachloroethane	14.051	117	28993	20.654	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	69000	20.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	4678	24.418	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	38609	19.798	ug/l	98
94) Hexachlorobutadiene	15.204	225	20734	19.324	ug/l	97
95) Naphthalene	15.327	128	77510	22.493	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	36226	20.917	ug/l	99

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

