

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078280.D
 Acq On : 30 Jan 2024 15:42
 Operator : RP/MD
 Sample : VD0130SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:58:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	104133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	189925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72451	56.203	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.400%			
35) Dibromofluoromethane	7.810	113	72155	53.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.720%			
50) Toluene-d8	10.269	98	285976	55.863	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.720%			
62) 4-Bromofluorobenzene	12.575	95	85750	55.934	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30570	26.008	ug/l	95
3) Chloromethane	2.152	50	54564	25.189	ug/l	99
4) Vinyl Chloride	2.281	62	69695	24.391	ug/l	92
5) Bromomethane	2.687	94	40932	23.662	ug/l	96
6) Chloroethane	2.834	64	45516	23.062	ug/l	95
7) Trichlorofluoromethane	3.169	101	56951	23.541	ug/l	90
8) Diethyl Ether	3.599	74	16479	23.027	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.969	101	34933	23.529	ug/l	93
10) Methyl Iodide	4.163	142	28988	21.464	ug/l	94
11) Tert butyl alcohol	5.069	59	10165	123.622	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	32539	22.714	ug/l	87
13) Acrolein	3.805	56	12633	126.807	ug/l	94
14) Allyl chloride	4.563	41	43130	22.835	ug/l	90
15) Acrylonitrile	5.258	53	36880	116.589	ug/l	100
16) Acetone	4.022	43	40755	127.666	ug/l #	79
17) Carbon Disulfide	4.269	76	111371	23.028	ug/l	98
18) Methyl Acetate	4.569	43	14073	20.482	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	68961	23.147	ug/l	98
20) Methylene Chloride	4.805	84	45210	27.683	ug/l	86
21) trans-1,2-Dichloroethene	5.316	96	36202	22.350	ug/l	87
22) Diisopropyl ether	6.216	45	96281	23.957	ug/l #	90
23) Vinyl Acetate	6.157	43	288601	117.701	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	64152	23.058	ug/l	97
25) 2-Butanone	7.081	43	50600	117.797	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	52163	22.952	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	40225	22.407	ug/l	92
28) Bromochloromethane	7.428	49	22008	22.178	ug/l #	71
29) Tetrahydrofuran	7.452	42	27736	120.698	ug/l #	81
30) Chloroform	7.599	83	64520	22.681	ug/l	100
31) Cyclohexane	7.875	56	54183	22.443	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	55852	22.781	ug/l	96
36) 1,1-Dichloropropene	8.010	75	50167	22.374	ug/l	96
37) Ethyl Acetate	7.175	43	22344	25.892	ug/l #	92
38) Carbon Tetrachloride	7.999	117	48894	22.178	ug/l	98
39) Methylcyclohexane	9.275	83	57080	21.532	ug/l	89
40) Benzene	8.252	78	148427	22.688	ug/l	97

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41) Methacrylonitrile	7.404	41	9996	21.546	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	37701	22.219	ug/l	96
43) Isopropyl Acetate	8.357	43	35784	23.127	ug/l #	77
44) Trichloroethene	9.034	130	35576	22.146	ug/l	83
45) 1,2-Dichloropropane	9.304	63	35104	21.946	ug/l	100
46) Dibromomethane	9.393	93	20667	23.287	ug/l #	84
47) Bromodichloromethane	9.587	83	49443	22.643	ug/l	100
48) Methyl methacrylate	9.375	41	17013	23.010	ug/l #	78
49) 1,4-Dioxane	9.381	88	4611	463.156	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	93509	111.716	ug/l	91
52) Toluene	10.334	92	89166	22.470	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	45804	22.458	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	55638	23.043	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	27251	23.530	ug/l	95
56) Ethyl methacrylate	10.598	69	30127	22.934	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45644	22.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	63649	106.546	ug/l	92
59) 2-Hexanone	10.922	43	74446	118.095	ug/l	86
60) Dibromochloromethane	11.075	129	31303	23.284	ug/l	95
61) 1,2-Dibromoethane	11.181	107	24043	21.988	ug/l	93
64) Tetrachloroethene	10.810	164	27769	22.702	ug/l	87
65) Chlorobenzene	11.610	112	91971	21.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	33580	22.479	ug/l	96
67) Ethyl Benzene	11.681	91	167333	22.017	ug/l	97
68) m/p-Xylenes	11.793	106	133761	45.747	ug/l	93
69) o-Xylene	12.122	106	58784	21.876	ug/l	90
70) Styrene	12.134	104	102031	22.234	ug/l	97
71) Bromoform	12.298	173	17222	23.408	ug/l #	95
73) Isopropylbenzene	12.422	105	155604	22.059	ug/l	92
74) N-amyl acetate	12.234	43	33593	23.026	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	30678	22.520	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	20781m	23.848	ug/l	
77) Bromobenzene	12.698	156	32849	21.162	ug/l	78
78) n-propylbenzene	12.763	91	198565	22.597	ug/l	94
79) 2-Chlorotoluene	12.851	91	104444	22.204	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	130006	22.655	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	9635	21.990	ug/l	93
82) 4-Chlorotoluene	12.945	91	113460	22.625	ug/l	91
83) tert-Butylbenzene	13.163	119	108711	22.201	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	129483	22.302	ug/l	94
85) sec-Butylbenzene	13.345	105	169197	22.017	ug/l	95
86) p-Isopropyltoluene	13.463	119	138798	22.051	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	70357	21.817	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	72372	22.682	ug/l	98
89) n-Butylbenzene	13.787	91	136425	22.242	ug/l	97
90) Hexachloroethane	14.051	117	27384	21.781	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	59956	21.732	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4047	21.193	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	34165	21.409	ug/l	98
94) Hexachlorobutadiene	15.204	225	17179	21.969	ug/l	97
95) Naphthalene	15.333	128	68138	21.415	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31221	22.220	ug/l	99

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

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