

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078146.D
 Acq On : 11 Jan 2024 11:33
 Operator : RP/MD
 Sample : VD0111SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBSD01

Quant Time: Jan 12 00:35:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96355	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	165149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	147828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49236	48.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.810	113	56759	47.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.380%
50) Toluene-d8	10.269	98	192037	48.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.575	95	60857	43.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19293	21.899	ug/l	92
3) Chloromethane	2.152	50	26243	21.419	ug/l	94
4) Vinyl Chloride	2.293	62	36730	21.318	ug/l	100
5) Bromomethane	2.693	94	27780	21.001	ug/l	93
6) Chloroethane	2.840	64	29974	23.429	ug/l	93
7) Trichlorofluoromethane	3.181	101	40192	21.229	ug/l	100
8) Diethyl Ether	3.605	74	10046	20.236	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.981	101	26509	23.556	ug/l	93
10) Methyl Iodide	4.175	142	21284	20.562	ug/l	# 87
11) Tert butyl alcohol	5.034	59	5672m	109.756	ug/l	
12) 1,1-Dichloroethene	3.946	96	20702	21.724	ug/l	85
13) Acrolein	3.805	56	9850	115.361	ug/l	100
14) Allyl chloride	4.569	41	27241	21.399	ug/l	87
15) Acrylonitrile	5.257	53	24709	106.382	ug/l	98
16) Acetone	4.016	43	31949	123.642	ug/l	93
17) Carbon Disulfide	4.281	76	44100	20.764	ug/l	98
18) Methyl Acetate	4.569	43	17734	19.422	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	50492	21.993	ug/l	93
20) Methylene Chloride	4.810	84	30364	20.678	ug/l	# 88
21) trans-1,2-Dichloroethene	5.316	96	23182	21.376	ug/l	89
22) Diisopropyl ether	6.222	45	66529	22.225	ug/l	# 92
23) Vinyl Acetate	6.163	43	153237	113.957	ug/l	94
24) 1,1-Dichloroethane	6.116	63	45509	21.790	ug/l	94
25) 2-Butanone	7.087	43	35279	112.583	ug/l	# 75
26) 2,2-Dichloropropane	7.081	77	41177	22.041	ug/l	89
27) cis-1,2-Dichloroethene	7.087	96	29225	21.918	ug/l	92
28) Bromochloromethane	7.428	49	15353	20.275	ug/l	81
29) Tetrahydrofuran	7.451	42	16645	101.249	ug/l	87
30) Chloroform	7.599	83	50145	22.151	ug/l	100
31) Cyclohexane	7.881	56	30633	19.958	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	41010	20.944	ug/l	95
36) 1,1-Dichloropropene	8.016	75	32989	20.527	ug/l	96
37) Ethyl Acetate	7.169	43	12765	20.182	ug/l	# 95
38) Carbon Tetrachloride	7.993	117	36745	19.853	ug/l	97
39) Methylcyclohexane	9.275	83	36073	20.396	ug/l	96
40) Benzene	8.257	78	97572	20.341	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6595	17.763	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	28016	20.753	ug/l	94
43) Isopropyl Acetate	8.357	43	23549	19.313	ug/l #	77
44) Trichloroethene	9.028	130	27114	20.904	ug/l	93
45) 1,2-Dichloropropane	9.304	63	26415	21.351	ug/l	98
46) Dibromomethane	9.393	93	14782	21.597	ug/l	86
47) Bromodichloromethane	9.587	83	38546	21.183	ug/l	96
48) Methyl methacrylate	9.381	41	14308	21.234	ug/l #	74
49) 1,4-Dioxane	9.387	88	2655	443.744	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	65105	103.058	ug/l	87
52) Toluene	10.334	92	65113	21.493	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	32917	20.382	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	38530	20.910	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	21011	21.887	ug/l	94
56) Ethyl methacrylate	10.598	69	15302	20.453	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	33727	21.646	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	31880	93.323	ug/l	97
59) 2-Hexanone	10.922	43	50994	107.362	ug/l	86
60) Dibromochloromethane	11.075	129	25273	20.835	ug/l	99
61) 1,2-Dibromoethane	11.187	107	17554	19.861	ug/l	96
64) Tetrachloroethene	10.810	164	19830	19.812	ug/l #	91
65) Chlorobenzene	11.604	112	70253	20.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	26581	20.119	ug/l	96
67) Ethyl Benzene	11.687	91	122520	20.512	ug/l	98
68) m/p-Xylenes	11.792	106	93580	40.645	ug/l	89
69) o-Xylene	12.122	106	43336	20.326	ug/l	91
70) Styrene	12.139	104	66463	20.506	ug/l	94
71) Bromoform	12.304	173	13791	20.652	ug/l #	90
73) Isopropylbenzene	12.422	105	120386	20.905	ug/l	95
74) N-amyl acetate	12.234	43	22093	20.977	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	22607	20.863	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	15885m	22.278	ug/l	
77) Bromobenzene	12.704	156	26130	19.753	ug/l	81
78) n-propylbenzene	12.763	91	146599	21.002	ug/l	94
79) 2-Chlorotoluene	12.851	91	78022	21.008	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	100520	21.033	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	7072	22.103	ug/l	89
82) 4-Chlorotoluene	12.945	91	82747	20.714	ug/l	97
83) tert-Butylbenzene	13.169	119	86186	20.598	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	100337	21.147	ug/l	95
85) sec-Butylbenzene	13.345	105	129077	21.055	ug/l	96
86) p-Isopropyltoluene	13.463	119	109908	20.248	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	54871	19.992	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	56022	20.664	ug/l	96
89) n-Butylbenzene	13.792	91	108386	21.027	ug/l	96
90) Hexachloroethane	14.057	117	23530	21.091	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	49793	21.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3324	22.638	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	29472	20.103	ug/l	97
94) Hexachlorobutadiene	15.204	225	16198	19.582	ug/l	99
95) Naphthalene	15.333	128	52741	20.293	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	25280	20.219	ug/l	98

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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

