

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078792.D
 Acq On : 29 Mar 2024 14:14
 Operator : RP/MD
 Sample : VD0329SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Quant Time: Mar 29 23:42:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	106594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46549	46.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.810	113	56095	49.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.269	98	206075	49.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.575	95	60570	50.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18403	18.550	ug/l	93
3) Chloromethane	2.152	50	25836	16.493	ug/l	96
4) Vinyl Chloride	2.287	62	41225	17.840	ug/l	93
5) Bromomethane	2.687	94	38854	17.561	ug/l	98
6) Chloroethane	2.840	64	33734	18.720	ug/l	95
7) Trichlorofluoromethane	3.175	101	38568	21.097	ug/l	99
8) Diethyl Ether	3.593	74	10165	19.045	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	23268	20.281	ug/l	96
10) Methyl Iodide	4.164	142	25220	18.584	ug/l	98
11) Tert butyl alcohol	5.058	59	4712	105.400	ug/l #	75
12) 1,1-Dichloroethene	3.934	96	21395	19.617	ug/l	93
13) Acrolein	3.799	56	5540	79.107	ug/l	90
14) Allyl chloride	4.569	41	21450	17.626	ug/l	94
15) Acrylonitrile	5.252	53	22429	104.241	ug/l	95
16) Acetone	4.028	43	22036	114.074	ug/l	88
17) Carbon Disulfide	4.269	76	46517	13.010	ug/l	99
18) Methyl Acetate	4.564	43	7376	17.792	ug/l	92
19) Methyl tert-butyl Ether	5.311	73	44054	20.029	ug/l	99
20) Methylene Chloride	4.805	84	37560	26.201	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	25001	19.427	ug/l	84
22) Diisopropyl ether	6.216	45	58800	21.252	ug/l	94
23) Vinyl Acetate	6.158	43	165669	102.364	ug/l	96
24) 1,1-Dichloroethane	6.116	63	43490	20.965	ug/l	96
25) 2-Butanone	7.081	43	27389	106.645	ug/l	98
26) 2,2-Dichloropropane	7.081	77	37304	21.255	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	29840	20.330	ug/l	96
28) Bromochloromethane	7.428	49	14765	19.965	ug/l	99
29) Tetrahydrofuran	7.452	42	14332	102.600	ug/l	99
30) Chloroform	7.605	83	49779	21.522	ug/l	96
31) Cyclohexane	7.881	56	29419	17.521	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	42204	21.507	ug/l	98
36) 1,1-Dichloropropene	8.010	75	31783	19.517	ug/l	95
37) Ethyl Acetate	7.163	43	11462	21.545	ug/l #	88
38) Carbon Tetrachloride	7.993	117	37357	21.759	ug/l	88
39) Methylcyclohexane	9.281	83	33513	17.740	ug/l	88
40) Benzene	8.252	78	101474	20.613	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5743	20.599	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	26028	21.681	ug/l	99
43) Isopropyl Acetate	8.363	43	21058	21.765	ug/l #	95
44) Trichloroethene	9.034	130	27590	20.652	ug/l	88
45) 1,2-Dichloropropane	9.305	63	24234	20.752	ug/l	99
46) Dibromomethane	9.393	93	15072	21.531	ug/l	94
47) Bromodichloromethane	9.587	83	37848	22.712	ug/l	94
48) Methyl methacrylate	9.381	41	9626	20.419	ug/l	99
49) 1,4-Dioxane	9.387	88	2815	434.316	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	56970	112.631	ug/l	96
52) Toluene	10.334	92	65755	20.747	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	31780	20.858	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	38072	20.785	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	20172	21.519	ug/l	95
56) Ethyl methacrylate	10.599	69	20130	21.421	ug/l	98
57) 1,3-Dichloropropane	10.881	76	33142	21.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	46342	111.838	ug/l	99
59) 2-Hexanone	10.922	43	41735	111.305	ug/l	99
60) Dibromochloromethane	11.075	129	26479	22.905	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19971	22.014	ug/l	98
64) Tetrachloroethene	10.810	164	23382	21.369	ug/l	98
65) Chlorobenzene	11.604	112	72747	21.054	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	27890	22.040	ug/l	99
67) Ethyl Benzene	11.681	91	120808	20.517	ug/l	99
68) m/p-Xylenes	11.793	106	100010	41.828	ug/l	96
69) o-Xylene	12.122	106	44085	19.928	ug/l	95
70) Styrene	12.134	104	79310	21.360	ug/l	99
71) Bromoform	12.298	173	15529	22.708	ug/l #	97
73) Isopropylbenzene	12.422	105	120943	21.086	ug/l	99
74) N-amyl acetate	12.234	43	20473	21.985	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	24365	22.948	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	15164m	22.594	ug/l	
77) Bromobenzene	12.698	156	30742	21.613	ug/l	99
78) n-propylbenzene	12.763	91	149437	21.405	ug/l	99
79) 2-Chlorotoluene	12.845	91	81182	21.197	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	100078	21.100	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	6423	20.060	ug/l #	82
82) 4-Chlorotoluene	12.945	91	85373	21.075	ug/l	100
83) tert-Butylbenzene	13.169	119	87099	21.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	99949	20.911	ug/l	100
85) sec-Butylbenzene	13.345	105	138436	22.368	ug/l	98
86) p-Isopropyltoluene	13.463	119	115958	21.886	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	63350	21.105	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	64443	21.785	ug/l	99
89) n-Butylbenzene	13.787	91	102826	21.490	ug/l	98
90) Hexachloroethane	14.057	117	24542	22.386	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	56031	21.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3098	21.811	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	32182	21.330	ug/l	95
94) Hexachlorobutadiene	15.204	225	18082	22.137	ug/l	98
95) Naphthalene	15.334	128	52721	20.098	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	28092	21.522	ug/l	100

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

