

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078791.D
 Acq On : 29 Mar 2024 13:47
 Operator : RP/MD
 Sample : VD0329SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Quant Time: Mar 29 23:41:54 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	109977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47403	45.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.805	113	56638	48.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.269	98	206104	48.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.575	95	61552	49.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	17172	16.777	ug/l	94
3) Chloromethane	2.152	50	23655	14.637	ug/l	94
4) Vinyl Chloride	2.287	62	37572	15.759	ug/l #	79
5) Bromomethane	2.687	94	36436	15.962	ug/l	97
6) Chloroethane	2.840	64	32030	17.227	ug/l	98
7) Trichlorofluoromethane	3.181	101	36395	19.296	ug/l	93
8) Diethyl Ether	3.599	74	9075	16.479	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	24304	20.532	ug/l	97
10) Methyl Iodide	4.170	142	22144	15.815	ug/l	95
11) Tert butyl alcohol	5.069	59	4739m	102.743	ug/l	
12) 1,1-Dichloroethene	3.934	96	19557	17.380	ug/l	92
13) Acrolein	3.799	56	6736	93.227	ug/l	97
14) Allyl chloride	4.564	41	21346	17.001	ug/l	96
15) Acrylonitrile	5.258	53	20992	94.561	ug/l	97
16) Acetone	4.022	43	20727	103.997	ug/l	97
17) Carbon Disulfide	4.275	76	44654	12.105	ug/l #	94
18) Methyl Acetate	4.581	43	7982	18.662	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	41157	18.137	ug/l	94
20) Methylene Chloride	4.799	84	36350	24.242	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	23254	17.514	ug/l	87
22) Diisopropyl ether	6.222	45	54898	19.231	ug/l	92
23) Vinyl Acetate	6.158	43	155072	92.869	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	41854	19.556	ug/l	99
25) 2-Butanone	7.081	43	28031	105.787	ug/l	94
26) 2,2-Dichloropropane	7.081	77	35300	19.495	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	28835	19.041	ug/l	96
28) Bromochloromethane	7.434	49	15031	19.699	ug/l	91
29) Tetrahydrofuran	7.446	42	13480	93.532	ug/l	97
30) Chloroform	7.599	83	47300	19.821	ug/l	95
31) Cyclohexane	7.881	56	27400	15.817	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	40405	19.957	ug/l	98
36) 1,1-Dichloropropene	8.005	75	31211	18.501	ug/l	98
37) Ethyl Acetate	7.169	43	11230	20.377	ug/l #	69
38) Carbon Tetrachloride	7.999	117	34421	19.354	ug/l	99
39) Methylcyclohexane	9.275	83	30873	15.776	ug/l	95
40) Benzene	8.252	78	95218	18.672	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5350	18.524	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	25072	20.160	ug/l	99
43) Isopropyl Acetate	8.363	43	19048	19.005	ug/l #	86
44) Trichloroethene	9.028	130	26111	18.867	ug/l	93
45) 1,2-Dichloropropane	9.305	63	24002	19.841	ug/l #	88
46) Dibromomethane	9.393	93	14127	19.481	ug/l	97
47) Bromodichloromethane	9.587	83	36428	21.101	ug/l	95
48) Methyl methacrylate	9.381	41	8322	17.041	ug/l #	84
49) 1,4-Dioxane	9.387	88	2640	393.189	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	52480	100.156	ug/l	97
52) Toluene	10.334	92	62583	19.062	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	30772	19.496	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	37614	19.823	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	19504	20.085	ug/l	94
56) Ethyl methacrylate	10.599	69	19024	19.542	ug/l	99
57) 1,3-Dichloropropane	10.881	76	31537	20.126	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	39678	92.434	ug/l	99
59) 2-Hexanone	10.922	43	40475	104.201	ug/l	99
60) Dibromochloromethane	11.075	129	24692	20.618	ug/l	95
61) 1,2-Dibromoethane	11.181	107	17728	18.864	ug/l	97
64) Tetrachloroethene	10.810	164	20860	18.291	ug/l	92
65) Chlorobenzene	11.610	112	68675	19.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	25625	19.429	ug/l	94
67) Ethyl Benzene	11.681	91	114145	18.599	ug/l	99
68) m/p-Xylenes	11.793	106	92102	36.958	ug/l	99
69) o-Xylene	12.122	106	42307	18.349	ug/l	97
70) Styrene	12.134	104	76050	19.651	ug/l	98
71) Bromoform	12.298	173	14887	20.886	ug/l #	94
73) Isopropylbenzene	12.422	105	110264	18.404	ug/l	100
74) N-amyl acetate	12.234	43	18346	18.860	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	22806	20.562	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14643m	20.886	ug/l	
77) Bromobenzene	12.698	156	29225	19.669	ug/l	99
78) n-propylbenzene	12.763	91	145200	19.910	ug/l	98
79) 2-Chlorotoluene	12.851	91	75208	18.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	93343	18.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	6648	19.877	ug/l	96
82) 4-Chlorotoluene	12.946	91	81638	19.292	ug/l	99
83) tert-Butylbenzene	13.169	119	81743	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	97898	19.607	ug/l	98
85) sec-Butylbenzene	13.345	105	126759	19.607	ug/l	99
86) p-Isopropyltoluene	13.457	119	106375	19.220	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	60515	19.300	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	62680	20.284	ug/l	98
89) n-Butylbenzene	13.787	91	99329	19.872	ug/l	98
90) Hexachloroethane	14.051	117	22586	19.722	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	53418	19.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2797	18.851	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	29026	18.417	ug/l	99
94) Hexachlorobutadiene	15.204	225	17015	19.942	ug/l	97
95) Naphthalene	15.334	128	49240	17.970	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	26164	19.189	ug/l	99

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

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