

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077604.D
 Acq On : 17 Nov 2023 11:01
 Operator : JC/SY
 Sample : 05437-02MS
 Misc : 4.53G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EY1E2MS

Quant Time: Nov 18 00:34:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	423631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	372698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	175430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	196027	18.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.760%
7) Chloroethane-d5	2.805	69	176875	20.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	3.922	65	59446	17.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.360%
21) 2-Butanone-d5	6.993	46	63716	34.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.300%
24) Chloroform-d	7.569	84	271431	22.180	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.234	65	132183	20.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.240%
32) Benzene-d6	8.205	84	520197	21.505	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	9.210	67	167903	21.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.240%
41) Toluene-d8	10.269	98	461693	21.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.480%
43) trans-1,3-Dichloroprop...	10.528	79	65374	19.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.960%
47) 2-Hexanone-d5	10.881	63	52930	37.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108125	20.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	134620	21.570	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	148605	21.782	ug/L	99
3) Chloromethane	2.152	50	211434	21.541	ug/L	99
5) Vinyl chloride	2.287	62	253563	22.888	ug/L	98
6) Bromomethane	2.699	94	144609	24.518	ug/L	100
8) Chloroethane	2.840	64	166779	24.215	ug/L	99
9) Trichlorofluoromethane	3.181	101	242301	24.033	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	145328	23.423	ug/L	99
12) 1,1-Dichloroethene	3.946	96	136071	22.587	ug/L	93
13) Acetone	4.022	43	86877	44.298	ug/L	98
14) Carbon disulfide	4.275	76	435131	20.059	ug/L	98
15) Methyl Acetate	4.569	43	53698	16.643	ug/L	99
16) Methylene chloride	4.805	84	184097	25.739	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	141956	22.401	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	287835	19.352	ug/L	99
19) 1,1-Dichloroethane	6.116	63	292691	23.020	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	152890	22.207	ug/L	98
22) 2-Butanone	7.081	43	83558	35.409	ug/L	99
23) Bromochloromethane	7.428	128	61008	22.053	ug/L	91
25) Chloroform	7.599	83	273008	23.374	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	163824	21.158	ug/L	98
29) Cyclohexane	7.881	56	257285	21.262	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	239742	24.572	ug/L	99
31) Carbon tetrachloride	7.993	117	205934	24.560	ug/L	100
33) Benzene	8.252	78	619106	23.955	ug/L	100
34) Trichloroethene	9.028	95	152348	23.789	ug/L	90
35) Methylcyclohexane	9.275	83	248731	21.523	ug/L	97
37) 1,2-Dichloropropane	9.304	63	166207	23.133	ug/L	100
38) Bromodichloromethane	9.587	83	192472	23.354	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	244147	22.113	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	153066	34.959	ug/L	98
42) Toluene	10.334	91	662688	24.422	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	197183	21.614	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	97187	22.129	ug/L	96
46) Tetrachloroethene	10.810	164	112882	23.956	ug/L	98
48) 2-Hexanone	10.922	43	118118	34.034	ug/L	97
49) Dibromochloromethane	11.075	129	109475	21.944	ug/L	96
50) 1,2-Dibromoethane	11.181	107	87776	20.899	ug/L	98
51) Chlorobenzene	11.610	112	377047	23.718	ug/L	97
52) Ethylbenzene	11.687	91	719626	24.102	ug/L	97
53) m,p-Xylene	11.793	106	264211	24.318	ug/L	99
54) o-Xylene	12.122	106	256819	24.680	ug/L	92
55) Styrene	12.134	104	433768	23.874	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	103419	19.989	ug/L	100
59) Bromoform	12.298	173	63322	21.171	ug/L #	99
60) Isopropylbenzene	12.422	105	704034	24.811	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	72204	19.322	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	519716	24.132	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	525563	24.091	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	263437	22.629	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	270889	23.057	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	230759	22.421	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	14987	18.438	ug/L	84
69) 1,3,5-Trichlorobenzene	14.592	180	168641	21.275	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	130925	19.598	ug/L	99
71) Naphthalene	15.334	128	229751	18.248	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	106624	18.718	ug/L	98

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

