

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077572.D
 Acq On : 14 Nov 2023 19:43
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025208

Quant Time: Nov 16 02:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	309215	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	162015	20.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.400%
7) Chloroethane-d5	2.805	69	142562	23.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	3.917	65	48651	20.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.000%
21) 2-Butanone-d5	6.987	46	67605	49.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.569	84	221066	24.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.234	65	116332	24.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.920%
32) Benzene-d6	8.205	84	436297	23.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	9.210	67	144588	23.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.269	98	390927	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.528	79	61853	23.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	10.875	63	53046	48.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105300	26.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	124503	24.235	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	114052	22.903	ug/L	100
3) Chloromethane	2.152	50	177340	24.753	ug/L	97
5) Vinyl chloride	2.287	62	194267	24.024	ug/L	98
6) Bromomethane	2.699	94	117291	27.244	ug/L	99
8) Chloroethane	2.840	64	130041	25.867	ug/L	95
9) Trichlorofluoromethane	3.181	101	179758	24.426	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	107976	23.843	ug/L	99
12) 1,1-Dichloroethene	3.946	96	104595	23.786	ug/L	94
13) Acetone	4.017	43	67095	46.870	ug/L	100
14) Carbon disulfide	4.275	76	356681	22.527	ug/L	100
15) Methyl Acetate	4.564	43	56431	23.962	ug/L	99
16) Methylene chloride	4.805	84	122094	23.386	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	112354	24.290	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	270814	24.945	ug/L	100
19) 1,1-Dichloroethane	6.116	63	230721	24.861	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	127018	25.275	ug/L	97
22) 2-Butanone	7.081	43	79625	46.228	ug/L	100
23) Bromochloromethane	7.434	128	51849	25.677	ug/L	96
25) Chloroform	7.593	83	221640	25.997	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	145056	25.666	ug/L	97
29) Cyclohexane	7.881	56	205888	22.107	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	182071	24.247	ug/L	100
31) Carbon tetrachloride	7.993	117	156131	24.194	ug/L	97
33) Benzene	8.252	78	500321	25.153	ug/L	100
34) Trichloroethene	9.028	95	122007	24.754	ug/L	90
35) Methylcyclohexane	9.275	83	204588	23.002	ug/L	98
37) 1,2-Dichloropropane	9.304	63	139529	25.232	ug/L	100
38) Bromodichloromethane	9.587	83	160680	25.332	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	211212	24.856	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	158617	47.070	ug/L	99
42) Toluene	10.334	91	524978	25.138	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	177104	25.224	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	87681	25.940	ug/L	97
46) Tetrachloroethene	10.810	164	89172	24.588	ug/L	93
48) 2-Hexanone	10.922	43	121304	45.414	ug/L	98
49) Dibromochloromethane	11.075	129	97333	25.350	ug/L	99
50) 1,2-Dibromoethane	11.181	107	80905	25.029	ug/L #	98
51) Chlorobenzene	11.604	112	313113	25.592	ug/L	97
52) Ethylbenzene	11.687	91	580122	25.246	ug/L	96
53) m,p-Xylene	11.793	106	214742	25.681	ug/L	100
54) o-Xylene	12.122	106	207630	25.926	ug/L	94
55) Styrene	12.134	104	365427	26.133	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	102157	25.655	ug/L	94
59) Bromoform	12.298	173	59796	24.287	ug/L	99
60) Isopropylbenzene	12.422	105	559616	23.958	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	70576	22.944	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	431243	24.326	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	441011	24.558	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	236166	24.645	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	240511	24.869	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	209509	24.729	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	15321	22.898	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.592	180	157537	24.144	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	133250	24.231	ug/L	99
71) Naphthalene	15.334	128	248447	23.972	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	118441	25.260	ug/L	97

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

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