

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075930.D
 Acq On : 29 Apr 2023 21:44
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025141

Quant Time: May 01 00:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	361836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	165778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	188099	23.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.800%
7) Chloroethane-d5	2.799	69	163525	23.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	3.911	65	42720	23.344	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	6.987	46	41482	60.198	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.400%
24) Chloroform-d	7.563	84	223869	24.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.228	65	98234	25.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.199	84	472746	24.183	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	9.210	67	132505	24.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.269	98	445297	24.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	10.528	79	53699	24.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.875	63	38983	59.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114885	27.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	139427	23.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	127710	25.603	ug/L	98
3) Chloromethane	2.146	50	198584	28.558	ug/L	98
5) Vinyl chloride	2.281	62	231442	25.467	ug/L	98
6) Bromomethane	2.693	94	129156	21.150	ug/L	97
8) Chloroethane	2.834	64	150484	25.603	ug/L	99
9) Trichlorofluoromethane	3.170	101	175953	24.096	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	127139	25.916	ug/L	97
12) 1,1-Dichloroethene	3.940	96	116395	24.465	ug/L	85
13) Acetone	4.028	43	29227	49.562	ug/L	96
14) Carbon disulfide	4.269	76	396406	23.855	ug/L	98
15) Methyl Acetate	4.564	43	37443	29.298	ug/L #	60
16) Methylene chloride	4.799	84	148326	20.207	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	133124	24.955	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	223670	26.138	ug/L	99
19) 1,1-Dichloroethane	6.111	63	205197	26.257	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	143827	25.497	ug/L	97
22) 2-Butanone	7.087	43	44510	57.896	ug/L	97
23) Bromochloromethane	7.428	128	69948	26.738	ug/L #	94
25) Chloroform	7.593	83	222252	25.375	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	121803	26.941	ug/L	96
29) Cyclohexane	7.875	56	148863	25.926	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	175999	24.801	ug/L	99
31) Carbon tetrachloride	7.993	117	140666	24.707	ug/L	100
33) Benzene	8.252	78	515318	25.400	ug/L	100
34) Trichloroethene	9.028	95	129132	24.612	ug/L	96
35) Methylcyclohexane	9.275	83	201484	24.908	ug/L	98
37) 1,2-Dichloropropane	9.305	63	125586	26.948	ug/L	99
38) Bromodichloromethane	9.587	83	162626	25.880	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	186520	25.166	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	102540	60.347	ug/L	98
42) Toluene	10.334	91	573303	26.112	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	155802	26.167	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	103419	26.084	ug/L	97
46) Tetrachloroethene	10.810	164	107328	24.940	ug/L	94
48) 2-Hexanone	10.922	43	71811	59.949	ug/L	92
49) Dibromochloromethane	11.075	129	111986	25.945	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94536	26.447	ug/L	100
51) Chlorobenzene	11.610	112	366372	25.508	ug/L	99
52) Ethylbenzene	11.687	91	577121	25.634	ug/L	99
53) m,p-Xylene	11.793	106	234095	26.113	ug/L	97
54) o-Xylene	12.122	106	220459	25.891	ug/L	98
55) Styrene	12.134	104	398560	26.894	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	110149	27.305	ug/L	100
59) Bromoform	12.298	173	65955	25.959	ug/L	98
60) Isopropylbenzene	12.422	105	552977	25.156	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	70704	27.150	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	420047	25.626	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411942	26.071	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	266341	25.323	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	274026	24.825	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	239198	25.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14068	27.022	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	158110	22.428	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	127890	21.891	ug/L	99
71) Naphthalene	15.334	128	266667	24.943	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	124072	23.792	ug/L	98

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

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