

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075822.D
 Acq On : 25 Apr 2023 20:20
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025131

Quant Time: Apr 26 02:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	369376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	338052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	206589	25.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.960%
7) Chloroethane-d5	2.805	69	174156	24.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
11) 1,1-Dichloroethene-d2	3.917	65	47189	25.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	6.987	46	36738	52.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
24) Chloroform-d	7.569	84	239395	25.917	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.680%
26) 1,2-Dichloroethane-d4	8.234	65	103105	26.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.205	84	512309	26.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.210	67	140377	25.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.960%
41) Toluene-d8	10.269	98	483380	26.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.528	79	57169	25.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.440%
47) 2-Hexanone-d5	10.881	63	35337	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108311	25.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	150871	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	135212	26.553	ug/L	99
3) Chloromethane	2.146	50	183193	25.807	ug/L	99
5) Vinyl chloride	2.287	62	224628	24.212	ug/L	97
6) Bromomethane	2.699	94	159905	25.651	ug/L	97
8) Chloroethane	2.840	64	148757	24.793	ug/L	96
9) Trichlorofluoromethane	3.175	101	184178	24.708	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	127980	25.555	ug/L	99
12) 1,1-Dichloroethene	3.946	96	124215	25.576	ug/L	84
13) Acetone	4.022	43	27825	46.221	ug/L	99
14) Carbon disulfide	4.270	76	422446	24.903	ug/L	99
15) Methyl Acetate	4.564	43	34031	26.084	ug/L #	55
16) Methylene chloride	4.799	84	154204	20.579	ug/L	96
17) trans-1,2-Dichloroethene	5.317	96	138296	25.395	ug/L	94
18) Methyl tert-butyl Ether	5.317	73	224045	25.647	ug/L	99
19) 1,1-Dichloroethane	6.111	63	203074	25.455	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	149725	26.001	ug/L	97
22) 2-Butanone	7.087	43	41697	53.130	ug/L	99
23) Bromochloromethane	7.428	128	71073	26.614	ug/L	97
25) Chloroform	7.599	83	225716	25.245	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	122255	26.489	ug/L	100
29) Cyclohexane	7.881	56	149991	25.918	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	183035	25.591	ug/L	99
31) Carbon tetrachloride	7.993	117	146816	25.585	ug/L	98
33) Benzene	8.252	78	529325	25.886	ug/L	100
34) Trichloroethene	9.028	95	132981	25.147	ug/L	94
35) Methylcyclohexane	9.275	83	206624	25.343	ug/L	99
37) 1,2-Dichloropropane	9.305	63	121882	25.948	ug/L	98
38) Bromodichloromethane	9.587	83	162759	25.698	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	191317	25.611	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	91655	53.519	ug/L	99
42) Toluene	10.334	91	588202	26.581	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	158245	26.370	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	100074	25.043	ug/L	99
46) Tetrachloroethene	10.810	164	111035	25.600	ug/L	96
48) 2-Hexanone	10.922	43	63059	52.231	ug/L	96
49) Dibromochloromethane	11.075	129	116180	26.706	ug/L	94
50) 1,2-Dibromoethane	11.181	107	95682	26.558	ug/L	97
51) Chlorobenzene	11.610	112	379148	26.191	ug/L	99
52) Ethylbenzene	11.687	91	597002	26.310	ug/L	100
53) m,p-Xylene	11.793	106	242123	26.797	ug/L	99
54) o-Xylene	12.122	106	233006	27.151	ug/L	97
55) Styrene	12.134	104	409462	27.413	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	105758	26.011	ug/L	99
59) Bromoform	12.299	173	66674	25.822	ug/L	100
60) Isopropylbenzene	12.422	105	576262	25.795	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67084	25.347	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	448873	26.946	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	438486	27.306	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	278881	26.091	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	283779	25.296	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	250822	26.277	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	12842	24.272	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	167269	23.347	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	136535	22.997	ug/L	98
71) Naphthalene	15.334	128	265786	24.463	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	128137	24.178	ug/L	99

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

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