

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075518.D
 Acq On : 20 Mar 2023 17:04
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025109

Quant Time: Mar 21 06:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 21 06:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	250716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	119819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	110428	17.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.960%
7) Chloroethane-d5	2.805	69	112118	20.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	3.922	63	117634	20.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.920%
21) 2-Butanone-d5	6.987	46	28954	50.190	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
24) Chloroform-d	7.569	84	162139	24.677	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.228	65	65734	23.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.360%
32) Benzene-d6	8.204	84	296226	22.128	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	9.210	67	88990	23.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	10.269	98	279350	22.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	10.528	79	37537	24.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%
47) 2-Hexanone-d5	10.875	63	29459	53.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86516	27.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.360%
66) 1,2-Dichlorobenzene-d4	13.822	152	101458	24.208	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	93942	24.355	ug/L	100
3) Chloromethane	2.152	50	125289	19.315	ug/L	99
5) Vinyl chloride	2.287	62	192863	23.642	ug/L	98
6) Bromomethane	2.699	94	133927	34.640	ug/L	93
8) Chloroethane	2.840	64	137589	26.821	ug/L	97
9) Trichlorofluoromethane	3.181	101	167650	27.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	116547	27.626	ug/L	97
12) 1,1-Dichloroethene	3.940	96	96358	25.939	ug/L	89
13) Acetone	4.016	43	33075	50.755	ug/L	94
14) Carbon disulfide	4.275	76	241641	23.263	ug/L	97
15) Methyl Acetate	4.569	43	28026	25.342	ug/L	91
16) Methylene chloride	4.805	84	116499	22.001	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	107802	27.072	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	206125	27.854	ug/L	97
19) 1,1-Dichloroethane	6.111	63	172821	25.655	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	123932	27.551	ug/L	87
22) 2-Butanone	7.075	43	39332	47.563	ug/L	91
23) Bromochloromethane	7.428	128	56800	29.474	ug/L #	87
25) Chloroform	7.593	83	204702	27.869	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102990	26.001	ug/L	95
29) Cyclohexane	7.881	56	111296	23.075	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	173109	28.561	ug/L	96
31) Carbon tetrachloride	7.993	117	142733	29.649	ug/L	98
33) Benzene	8.252	78	434010	26.791	ug/L	100
34) Trichloroethene	9.028	95	116452	27.525	ug/L	94
35) Methylcyclohexane	9.275	83	169788	25.707	ug/L	94
37) 1,2-Dichloropropane	9.304	63	101843	25.583	ug/L #	96
38) Bromodichloromethane	9.587	83	149881	28.462	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	162405	26.658	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	81260	53.229	ug/L	96
42) Toluene	10.334	91	502691	28.344	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	138677	27.628	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	93742	29.483	ug/L	96
46) Tetrachloroethene	10.810	164	94834	29.253	ug/L	97
48) 2-Hexanone	10.922	43	60077	53.487	ug/L	97
49) Dibromochloromethane	11.075	129	104312	30.034	ug/L	99
50) 1,2-Dibromoethane	11.181	107	84929	29.550	ug/L #	96
51) Chlorobenzene	11.610	112	322636	27.989	ug/L	97
52) Ethylbenzene	11.687	91	532729	28.246	ug/L	98
53) m,p-Xylene	11.793	106	214745	28.899	ug/L	97
54) o-Xylene	12.122	106	201524	28.669	ug/L	100
55) Styrene	12.140	104	372127	29.807	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	102844	29.554	ug/L	97
59) Bromoform	12.304	173	62393	28.858	ug/L	99
60) Isopropylbenzene	12.422	105	552407	27.413	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63695	26.519	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	423734	28.011	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411919	27.848	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	245035	27.488	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	247670	27.009	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	218339	27.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	13574	29.102	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	153367	27.436	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	121024	26.926	ug/L	98
71) Naphthalene	15.334	128	240553	26.984	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	110291	27.839	ug/L	100

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

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