

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032323\
 Data File : VD075528.D
 Acq On : 23 Mar 2023 14:36
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025113

Quant Time: Mar 24 01:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 24 01:27:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	294769	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	270301	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	141450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	125682	17.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.680%
7) Chloroethane-d5	2.805	69	137553	21.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	3.928	63	132454	19.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.480%
21) 2-Butanone-d5	6.981	46	37753	55.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.320%
24) Chloroform-d	7.569	84	198233	25.662	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.228	65	81863	24.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	8.199	84	361000	22.489	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.210	67	109829	24.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.269	98	333288	22.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	10.528	79	47427	25.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.320%
47) 2-Hexanone-d5	10.881	63	38490	58.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110985	29.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	128598	25.991	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	92215	20.334	ug/L	100
3) Chloromethane	2.152	50	131583	17.254	ug/L	96
5) Vinyl chloride	2.287	62	205254	21.401	ug/L	99
6) Bromomethane	2.693	94	136849	30.106	ug/L	100
8) Chloroethane	2.840	64	143622	23.813	ug/L	99
9) Trichlorofluoromethane	3.175	101	169356	23.588	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	119300	24.053	ug/L	97
12) 1,1-Dichloroethene	3.940	96	102841	23.547	ug/L	93
13) Acetone	4.022	43	33820	44.142	ug/L	68
14) Carbon disulfide	4.275	76	241785	19.798	ug/L	99
15) Methyl Acetate	4.569	43	29669	22.819	ug/L	90
16) Methylene chloride	4.805	84	124188	19.948	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	108890	23.259	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	219366	25.213	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	179581	22.675	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	128970	24.386	ug/L	88
22) 2-Butanone	7.081	43	42055	43.256	ug/L	76
23) Bromochloromethane	7.422	128	59149	26.106	ug/L #	91
25) Chloroform	7.599	83	213543	24.728	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	108054	23.203	ug/L #	93
29) Cyclohexane	7.875	56	118256	20.446	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	177729	24.454	ug/L	97
31) Carbon tetrachloride	7.987	117	143499	24.858	ug/L	97
33) Benzene	8.252	78	447735	23.049	ug/L	100
34) Trichloroethene	9.028	95	117550	23.171	ug/L	96
35) Methylcyclohexane	9.275	83	172757	21.813	ug/L	96
37) 1,2-Dichloropropane	9.304	63	109240	22.885	ug/L	98
38) Bromodichloromethane	9.587	83	159590	25.274	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	171871	23.527	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	89439	48.858	ug/L	99
42) Toluene	10.334	91	516996	24.310	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	148379	24.652	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	98887	25.937	ug/L	99
46) Tetrachloroethene	10.810	164	92954	23.912	ug/L	97
48) 2-Hexanone	10.922	43	64115	47.603	ug/L	95
49) Dibromochloromethane	11.075	129	114024	27.379	ug/L	97
50) 1,2-Dibromoethane	11.181	107	89060	25.842	ug/L #	98
51) Chlorobenzene	11.610	112	337817	24.439	ug/L	100
52) Ethylbenzene	11.687	91	558426	24.692	ug/L	99
53) m,p-Xylene	11.793	106	221590	24.868	ug/L	98
54) o-Xylene	12.122	106	215928	25.617	ug/L	98
55) Styrene	12.140	104	397688	26.565	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	111188	26.646	ug/L	97
59) Bromoform	12.304	173	67764	26.549	ug/L	98
60) Isopropylbenzene	12.422	105	580046	24.382	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	68356	24.107	ug/L	97
62) 1,3,5-Trimethylbenzene	12.910	105	438020	24.527	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	436591	25.002	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	259449	24.654	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	264068	24.394	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	230358	24.567	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	14115	25.634	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	154068	23.346	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	127459	24.022	ug/L	99
71) Naphthalene	15.339	128	257939	24.510	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	118339	25.302	ug/L	99

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

