

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075433.D
 Acq On : 02 Mar 2023 09:59
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025102

Quant Time: Mar 03 04:36:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:15:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	343557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	312056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	158316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	165328	19.381	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.520%		
7) Chloroethane-d5	2.805	69	152495	20.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.640%		
11) 1,1-Dichloroethene-d2	3.928	63	171676	21.546	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.200%		
21) 2-Butanone-d5	6.993	46	38732	48.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.000%		
24) Chloroform-d	7.569	84	201442	22.374	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.480%		
26) 1,2-Dichloroethane-d4	8.234	65	87187	22.353	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.400%		
32) Benzene-d6	8.205	84	405248	21.867	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.480%		
36) 1,2-Dichloropropane-d6	9.210	67	116857	22.310	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.240%		
41) Toluene-d8	10.269	98	379933	22.473	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.880%		
43) trans-1,3-Dichloroprop...	10.528	79	47785	22.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.280%		
47) 2-Hexanone-d5	10.881	63	36285	48.019	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.040%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100401	22.915	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.680%		
66) 1,2-Dichlorobenzene-d4	13.816	152	119864	21.645	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	133213	25.203	ug/L	98
3) Chloromethane	2.152	50	177773	20.000	ug/L	97
5) Vinyl chloride	2.287	62	269225	24.084	ug/L	100
6) Bromomethane	2.699	94	180192	34.012	ug/L	99
8) Chloroethane	2.840	64	181359	25.799	ug/L	97
9) Trichlorofluoromethane	3.181	101	214450	25.627	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	150379	26.013	ug/L	99
12) 1,1-Dichloroethene	3.946	96	129977	25.534	ug/L	93
13) Acetone	4.022	43	48511	54.325	ug/L	98
14) Carbon disulfide	4.275	76	355286	24.961	ug/L	99
15) Methyl Acetate	4.569	43	40033	26.417	ug/L	97
16) Methylene chloride	4.805	84	147420	20.317	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	139835	25.627	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	271709	26.794	ug/L	100
19) 1,1-Dichloroethane	6.116	63	237797	25.761	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	158697	25.746	ug/L	96
22) 2-Butanone	7.081	43	58663	51.769	ug/L	99
23) Bromochloromethane	7.428	128	69506	26.320	ug/L	96
25) Chloroform	7.599	83	259809	25.813	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	143703	26.475	ug/L	99
29) Cyclohexane	7.881	56	174330	26.108	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	214509	25.565	ug/L	99
31) Carbon tetrachloride	7.993	117	175465	26.329	ug/L	98
33) Benzene	8.252	78	574944	25.637	ug/L	100
34) Trichloroethene	9.028	95	148622	25.376	ug/L	92
35) Methylcyclohexane	9.275	83	238913	26.130	ug/L	100
37) 1,2-Dichloropropane	9.305	63	143861	26.105	ug/L	98
38) Bromodichloromethane	9.587	83	188974	25.923	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	224407	26.608	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	117708	55.697	ug/L	100
42) Toluene	10.334	91	652777	26.588	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	188703	27.157	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	117872	26.780	ug/L	99
46) Tetrachloroethene	10.810	164	116844	26.036	ug/L	96
48) 2-Hexanone	10.922	43	86803	55.825	ug/L	99
49) Dibromochloromethane	11.075	129	129515	26.937	ug/L	100
50) 1,2-Dibromoethane	11.181	107	106314	26.721	ug/L	98
51) Chlorobenzene	11.610	112	423549	26.542	ug/L	99
52) Ethylbenzene	11.687	91	694694	26.607	ug/L	99
53) m,p-Xylene	11.799	106	278806	27.103	ug/L	97
54) o-Xylene	12.122	106	262290	26.954	ug/L	98
55) Styrene	12.140	104	471454	27.278	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	129822	26.949	ug/L	96
59) Bromoform	12.304	173	76507	26.781	ug/L	98
60) Isopropylbenzene	12.428	105	707887	26.586	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	85249	26.862	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	537070	26.870	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	531509	27.195	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	304980	25.893	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	310000	25.586	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	276692	26.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	16957	27.514	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	194005	26.266	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	155882	26.249	ug/L	98
71) Naphthalene	15.339	128	316686	26.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	137588	26.284	ug/L	97

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

