

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075574.D
 Acq On : 05 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025123

Quant Time: Apr 05 23:37:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	370239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	164592	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	231977	26.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.640%			
7) Chloroethane-d5	2.805	69	210992	27.506	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.040%			
11) 1,1-Dichloroethene-d2	3.922	63	186058	26.759	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.040%			
21) 2-Butanone-d5	6.987	46	35183	62.674	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.340%			
24) Chloroform-d	7.569	84	232906	26.682	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.720%			
26) 1,2-Dichloroethane-d4	8.234	65	100305	25.930	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.720%			
32) Benzene-d6	8.198	84	496603	25.402	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	9.210	67	132193	25.373	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.480%			
41) Toluene-d8	10.269	98	468784	25.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.280%			
43) trans-1,3-Dichloroprop...	10.528	79	56803	26.154	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.600%			
47) 2-Hexanone-d5	10.875	63	35587	57.722	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.440%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108101	27.697	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.800%			
66) 1,2-Dichlorobenzene-d4	13.816	152	145627	25.793	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82096	23.660	ug/L	97
3) Chloromethane	2.146	50	111677	24.595	ug/L	98
5) Vinyl chloride	2.287	62	175499	24.800	ug/L	99
6) Bromomethane	2.699	94	121210	25.104	ug/L	96
8) Chloroethane	2.840	64	125547	25.466	ug/L	95
9) Trichlorofluoromethane	3.175	101	157870	25.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	116180	27.180	ug/L	98
12) 1,1-Dichloroethene	3.946	96	91480	25.907	ug/L	85
13) Acetone	4.016	43	35210	59.805	ug/L	96
14) Carbon disulfide	4.269	76	197785	23.412	ug/L	99
15) Methyl Acetate	4.563	43	29228	29.624	ug/L #	78
16) Methylene chloride	4.799	84	111276	21.865	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	98409	26.251	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	206859	29.021	ug/L	99
19) 1,1-Dichloroethane	6.110	63	171093	26.625	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	121262	27.548	ug/L	96
22) 2-Butanone	7.081	43	41658	59.401	ug/L	98
23) Bromochloromethane	7.428	128	55557	26.768	ug/L	99
25) Chloroform	7.598	83	204165	26.525	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	103292	25.963	ug/L	99
29) Cyclohexane	7.881	56	106011	25.978	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	171647	26.057	ug/L	98
31) Carbon tetrachloride	7.987	117	136975	25.758	ug/L	97
33) Benzene	8.251	78	426673	24.796	ug/L	100
34) Trichloroethene	9.028	95	111418	23.112	ug/L	95
35) Methylcyclohexane	9.275	83	157782	25.023	ug/L	99
37) 1,2-Dichloropropane	9.304	63	101981	25.191	ug/L	98
38) Bromodichloromethane	9.587	83	149617	25.949	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	169576	26.419	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	84963	55.993	ug/L	99
42) Toluene	10.334	91	488913	25.573	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	143023	26.207	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	96111	25.871	ug/L	97
46) Tetrachloroethene	10.810	164	88798	23.519	ug/L	98
48) 2-Hexanone	10.922	43	64204	62.783	ug/L	98
49) Dibromochloromethane	11.075	129	108230	26.908	ug/L	100
50) 1,2-Dibromoethane	11.181	107	85557	26.285	ug/L	99
51) Chlorobenzene	11.610	112	324405	25.195	ug/L	97
52) Ethylbenzene	11.686	91	529900	26.358	ug/L	99
53) m,p-Xylene	11.792	106	209901	26.626	ug/L	93
54) o-Xylene	12.122	106	204178	27.200	ug/L	99
55) Styrene	12.139	104	371612	27.783	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	107002	27.909	ug/L	95
59) Bromoform	12.298	173	63328	24.879	ug/L	99
60) Isopropylbenzene	12.422	105	552495	25.423	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64410	24.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	418256	25.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	407628	26.005	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	245040	24.901	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	254696	24.814	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	225622	25.315	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13202	25.165	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	189080	31.157	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	162467	33.070	ug/L	97
71) Naphthalene	15.333	128	307065	33.805	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	111342	25.301	ug/L	99

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

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