

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075585.D
 Acq On : 05 Apr 2023 18:37
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025125

Quant Time: Apr 05 23:39:04 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	311223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	186561	25.746	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
7) Chloroethane-d5	2.805	69	176653	27.397	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.600%			
11) 1,1-Dichloroethene-d2	3.922	63	150022	25.668	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.680%			
21) 2-Butanone-d5	6.987	46	29377	62.255	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.500%			
24) Chloroform-d	7.569	84	198809	27.095	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.360%			
26) 1,2-Dichloroethane-d4	8.228	65	87663	26.959	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.840%			
32) Benzene-d6	8.205	84	418656	24.684	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.720%			
36) 1,2-Dichloropropane-d6	9.210	67	116273	25.724	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.880%			
41) Toluene-d8	10.269	98	394056	24.778	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.120%			
43) trans-1,3-Dichloroprop...	10.528	79	48415	25.695	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.760%			
47) 2-Hexanone-d5	10.881	63	27394	51.216	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.440%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96307	28.442	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	122910	25.042	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	65649	22.508	ug/L	98
3) Chloromethane	2.146	50	97144	25.451	ug/L	96
5) Vinyl chloride	2.287	62	143861	24.184	ug/L	100
6) Bromomethane	2.693	94	102141	25.166	ug/L	94
8) Chloroethane	2.840	64	105789	25.527	ug/L	94
9) Trichlorofluoromethane	3.175	101	127560	24.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	89864	25.010	ug/L	98
12) 1,1-Dichloroethene	3.946	96	75321	25.375	ug/L	91
13) Acetone	4.022	43	26304	53.150	ug/L	92
14) Carbon disulfide	4.275	76	161811	22.785	ug/L	99
15) Methyl Acetate	4.569	43	23968	28.899	ug/L	96
16) Methylene chloride	4.805	84	100341	23.455	ug/L	100
17) trans-1,2-Dichloroethene	5.317	96	81266	25.789	ug/L	98
18) Methyl tert-butyl Ether	5.317	73	177609	29.643	ug/L	99
19) 1,1-Dichloroethane	6.111	63	150678	27.894	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	104926	28.356	ug/L	95
22) 2-Butanone	7.081	43	33406	56.667	ug/L	100
23) Bromochloromethane	7.428	128	48899	28.027	ug/L	87
25) Chloroform	7.599	83	182560	28.216	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	91617	27.395	ug/L	98
29) Cyclohexane	7.881	56	81324	22.971	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	142665	24.963	ug/L	99
31) Carbon tetrachloride	7.993	117	111145	24.091	ug/L	100
33) Benzene	8.252	78	369239	24.734	ug/L	100
34) Trichloroethene	9.028	95	93923	22.457	ug/L	95
35) Methylcyclohexane	9.275	83	126862	23.190	ug/L	99
37) 1,2-Dichloropropane	9.305	63	93284	26.560	ug/L	97
38) Bromodichloromethane	9.587	83	133092	26.607	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	146610	26.328	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	73483	55.820	ug/L	99
42) Toluene	10.334	91	417994	25.201	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	124177	26.228	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	85500	26.528	ug/L	98
46) Tetrachloroethene	10.810	164	71700	21.890	ug/L	97
48) 2-Hexanone	10.922	43	49360	55.636	ug/L	96
49) Dibromochloromethane	11.075	129	97066	27.817	ug/L	92
50) 1,2-Dibromoethane	11.181	107	75087	26.590	ug/L #	98
51) Chlorobenzene	11.610	112	282597	25.298	ug/L	96
52) Ethylbenzene	11.687	91	452432	25.940	ug/L	100
53) m,p-Xylene	11.793	106	177840	26.003	ug/L	87
54) o-Xylene	12.122	106	178218	27.366	ug/L	98
55) Styrene	12.134	104	327915	28.258	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	94858	28.519	ug/L #	91
59) Bromoform	12.299	173	55572	25.114	ug/L	99
60) Isopropylbenzene	12.422	105	461772	24.443	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	58177	25.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	351606	24.675	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	350213	25.701	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	213794	24.992	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	221431	24.816	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	196167	25.319	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	11402	25.001	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	130487	24.735	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	104002	24.352	ug/L	99
71) Naphthalene	15.334	128	198659	25.159	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	96710	25.280	ug/L	100

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

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