

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075854.D
 Acq On : 27 Apr 2023 11:12
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025135

Quant Time: Apr 28 02:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	415245	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	379245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186769	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	226982	24.917	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.680%		
7) Chloroethane-d5	2.805	69	192992	24.520	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.080%		
11) 1,1-Dichloroethene-d2	3.916	65	51638	24.588	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.360%		
21) 2-Butanone-d5	6.981	46	40737	51.513	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.020%		
24) Chloroform-d	7.569	84	259851	25.024	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.080%		
26) 1,2-Dichloroethane-d4	8.228	65	113796	25.662	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.640%		
32) Benzene-d6	8.204	84	563459	25.491	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.960%		
36) 1,2-Dichloropropane-d6	9.210	67	150579	24.612	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.440%		
41) Toluene-d8	10.269	98	532613	25.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.960%		
43) trans-1,3-Dichloroprop...	10.528	79	63123	24.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.840%		
47) 2-Hexanone-d5	10.875	63	39092	53.066	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.140%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	121584	25.970	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.880%		
66) 1,2-Dichlorobenzene-d4	13.816	152	158249	23.954	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	162943	28.465	ug/L	99
3) Chloromethane	2.146	50	200421	25.115	ug/L	98
5) Vinyl chloride	2.287	62	276705	26.531	ug/L	99
6) Bromomethane	2.693	94	179703	25.642	ug/L	97
8) Chloroethane	2.840	64	174261	25.835	ug/L	99
9) Trichlorofluoromethane	3.175	101	227176	27.109	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	158508	28.155	ug/L	99
12) 1,1-Dichloroethene	3.940	96	144059	26.385	ug/L	91
13) Acetone	4.016	43	36053	53.274	ug/L	98
14) Carbon disulfide	4.275	76	493721	25.890	ug/L	99
15) Methyl Acetate	4.569	43	37814	25.782	ug/L #	52
16) Methylene chloride	4.799	84	171260	20.331	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	156024	25.485	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	245597	25.009	ug/L	99
19) 1,1-Dichloroethane	6.116	63	236877	26.412	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	162953	25.172	ug/L	97
22) 2-Butanone	7.081	43	48064	54.478	ug/L	97
23) Bromochloromethane	7.428	128	75795	25.247	ug/L #	94
25) Chloroform	7.599	83	262135	26.079	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	136588	26.326	ug/L	100
29) Cyclohexane	7.881	56	188338	29.009	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	217281	27.079	ug/L	100
31) Carbon tetrachloride	7.993	117	176726	27.453	ug/L	99
33) Benzene	8.251	78	614136	26.771	ug/L	100
34) Trichloroethene	9.028	95	153760	25.919	ug/L	98
35) Methylcyclohexane	9.275	83	259975	28.424	ug/L	100
37) 1,2-Dichloropropane	9.304	63	143467	27.226	ug/L	99
38) Bromodichloromethane	9.587	83	186579	26.260	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	221918	26.481	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	104620	54.454	ug/L	99
42) Toluene	10.334	91	694477	27.975	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	176926	26.280	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	115236	25.705	ug/L	97
46) Tetrachloroethene	10.810	164	128633	26.436	ug/L	94
48) 2-Hexanone	10.922	43	73751	54.451	ug/L	95
49) Dibromochloromethane	11.075	129	125433	25.701	ug/L	98
50) 1,2-Dibromoethane	11.181	107	104834	25.938	ug/L	99
51) Chlorobenzene	11.610	112	425343	26.190	ug/L	99
52) Ethylbenzene	11.687	91	694136	27.268	ug/L	99
53) m,p-Xylene	11.792	106	285910	28.206	ug/L	98
54) o-Xylene	12.122	106	265706	27.598	ug/L	98
55) Styrene	12.139	104	473881	28.280	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	117924	25.853	ug/L	99
59) Bromoform	12.298	173	70691	24.696	ug/L	97
60) Isopropylbenzene	12.422	105	682246	27.549	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	76773	26.167	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	515418	27.910	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	500691	28.126	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	310999	26.246	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	319255	25.671	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	275345	26.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	15211	25.934	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	181106	22.803	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	145620	22.125	ug/L	99
71) Naphthalene	15.333	128	271857	22.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	134006	22.809	ug/L	99

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

