

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061424\
 Data File : VD079193.D
 Acq On : 14 Jun 2024 17:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025899

Quant Time: Jun 15 02:22:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 15 02:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111452	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	97984	14.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.520%
7) Chloroethane-d5	2.793	69	97299	15.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
11) 1,1-Dichloroethene-d2	3.910	65	20696	17.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.800%
21) 2-Butanone-d5	6.987	46	34209	67.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.840%#
24) Chloroform-d	7.563	84	145837	24.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.228	65	67377	24.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.198	84	281856	23.406	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.204	67	83464	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	10.269	98	252091	22.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.522	79	35902	24.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.480%
47) 2-Hexanone-d5	10.875	63	31986	71.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.660%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92791	30.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	13.810	152	94264	24.507	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	46634	13.767	ug/L	97
3) Chloromethane	2.146	50	88670	19.640	ug/L	99
5) Vinyl chloride	2.275	62	120389	16.155	ug/L	99
6) Bromomethane	2.687	94	79130	13.755	ug/L	99
8) Chloroethane	2.828	64	85519	15.658	ug/L	98
9) Trichlorofluoromethane	3.163	101	100797	17.756	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	63766	18.733	ug/L	98
12) 1,1-Dichloroethene	3.934	96	53964	18.209	ug/L	90
13) Acetone	4.028	43	21460	29.430	ug/L	96
14) Carbon disulfide	4.263	76	174633	16.892	ug/L	100
15) Methyl Acetate	4.569	43	28087	28.270	ug/L	100
16) Methylene chloride	4.799	84	81179	21.291	ug/L	95
17) trans-1,2-Dichloroethene	5.304	96	64805	20.235	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	141149	24.850	ug/L #	89
19) 1,1-Dichloroethane	6.104	63	117311	22.751	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	76948	23.074	ug/L	96
22) 2-Butanone	7.075	43	32892	42.939	ug/L	95
23) Bromochloromethane	7.428	128	38948	23.036	ug/L	94
25) Chloroform	7.593	83	131793	22.512	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	79158	23.293	ug/L	97
29) Cyclohexane	7.875	56	74747	19.072	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	104202	20.261	ug/L	98
31) Carbon tetrachloride	7.987	117	92528	19.361	ug/L	97
33) Benzene	8.251	78	290081	22.421	ug/L	100
34) Trichloroethene	9.028	95	68689	20.614	ug/L	98
35) Methylcyclohexane	9.275	83	102546	18.572	ug/L	98
37) 1,2-Dichloropropane	9.304	63	76272	24.068	ug/L	99
38) Bromodichloromethane	9.581	83	101293	22.993	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	112398	22.721	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	75153	56.810	ug/L	97
42) Toluene	10.334	91	321365	22.369	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	100216	23.956	ug/L	92
45) 1,1,2-Trichloroethane	10.728	97	66080	23.768	ug/L	95
46) Tetrachloroethene	10.810	164	54054	18.423	ug/L	98
48) 2-Hexanone	10.922	43	55572	48.547	ug/L #	97
49) Dibromochloromethane	11.069	129	75205	22.843	ug/L	97
50) 1,2-Dibromoethane	11.175	107	59687	23.360	ug/L #	99
51) Chlorobenzene	11.604	112	208120	21.772	ug/L	98
52) Ethylbenzene	11.681	91	325991	21.754	ug/L	96
53) m,p-Xylene	11.792	106	128810	21.909	ug/L	97
54) o-Xylene	12.122	106	126904	22.341	ug/L	99
55) Styrene	12.134	104	239810	23.810	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	79571	25.569	ug/L	89
59) Bromoform	12.292	173	48229	23.611	ug/L	97
60) Isopropylbenzene	12.416	105	325027	22.055	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	53317	27.096	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	224947	22.325	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	249736	23.173	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	156615	22.122	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	166145	22.149	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	150762	23.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	10731	26.529	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	92269	20.665	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	76614	20.660	ug/L	95
71) Naphthalene	15.327	128	167169	24.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	76570	23.890	ug/L	96

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

