

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061024\
 Data File : VW029089.D
 Acq On : 10 Jun 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Jun 11 01:23:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 01:19:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288421	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	94800	18.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
7) Chloroethane-d5	2.899	69	76719	20.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.021	65	43313	19.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.960%
21) 2-Butanone-d5	7.075	46	57593	56.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.920%
24) Chloroform-d	7.648	84	198877	22.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.307	65	106844	22.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.276	84	385861	21.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.270	67	121433	22.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.325	98	348157	22.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	10.575	79	46724	22.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.922	63	42654	60.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99261	26.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	115097	22.412	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71293	19.867	ug/L	94
3) Chloromethane	2.222	50	92761	21.158	ug/L	100
5) Vinyl chloride	2.375	62	113067	21.306	ug/L	98
6) Bromomethane	2.789	94	66457	20.901	ug/L	93
8) Chloroethane	2.936	64	70235	21.915	ug/L	98
9) Trichlorofluoromethane	3.265	101	99183	22.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101044	23.214	ug/L	94
12) 1,1-Dichloroethene	4.045	96	93249	23.474	ug/L	94
13) Acetone	4.118	43	65176	60.971	ug/L	98
14) Carbon disulfide	4.393	76	296354	22.036	ug/L	99
15) Methyl Acetate	4.673	43	50639	28.522	ug/L	100
16) Methylene chloride	4.923	84	116325	24.663	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	101639	23.467	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	163347	27.046	ug/L	99
19) 1,1-Dichloroethane	6.222	63	203812	23.935	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	111599	24.578	ug/L	96
22) 2-Butanone	7.173	43	77910	60.484	ug/L	98
23) Bromochloromethane	7.514	128	46531	23.476	ug/L	98
25) Chloroform	7.673	83	196589	23.771	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136756	24.675	ug/L	99
29) Cyclohexane	7.959	56	182312	25.423	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158498	23.718	ug/L	100
31) Carbon tetrachloride	8.075	117	144268	23.701	ug/L	98
33) Benzene	8.325	78	446208	24.881	ug/L	100
34) Trichloroethene	9.087	95	116277	24.662	ug/L	98
35) Methylcyclohexane	9.337	83	199179	24.903	ug/L	99
37) 1,2-Dichloropropane	9.367	63	120637	25.687	ug/L	99
38) Bromodichloromethane	9.642	83	140287	24.493	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	174701	25.597	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	146434	61.302	ug/L	99
42) Toluene	10.386	91	468717	25.584	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145102	26.371	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	82325	25.956	ug/L	95
46) Tetrachloroethene	10.861	164	88820	24.795	ug/L	88
48) 2-Hexanone	10.965	43	112962	63.073	ug/L	98
49) Dibromochloromethane	11.129	129	84656	25.270	ug/L	91
50) 1,2-Dibromoethane	11.233	107	76300	26.352	ug/L #	96
51) Chlorobenzene	11.654	112	292367	24.842	ug/L	94
52) Ethylbenzene	11.727	91	532701	25.591	ug/L	96
53) m,p-Xylene	11.837	106	198146	25.700	ug/L	91
54) o-Xylene	12.160	106	184737	25.877	ug/L	98
55) Styrene	12.178	104	318308	25.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	99414	27.765	ug/L	98
59) Bromoform	12.349	173	49473	26.586	ug/L	99
60) Isopropylbenzene	12.458	105	525742	25.670	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73393	26.886	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	395585	26.556	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	421137	26.751	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	224487	25.506	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	227306	24.728	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	190787	24.185	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15414	26.492	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	152127	25.174	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	126715	25.872	ug/L	99
71) Naphthalene	15.360	128	253984	30.436	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111653	26.682	ug/L	99

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

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