

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
 Data File : VW029316.D
 Acq On : 24 Jun 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Jun 25 01:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258141	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83640	21.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.899	69	68511	20.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
11) 1,1-Dichloroethene-d2	4.021	65	40773	21.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	7.075	46	49621	41.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.540%
24) Chloroform-d	7.654	84	193262	22.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.360%
26) 1,2-Dichloroethane-d4	8.307	65	104683	21.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.240%
32) Benzene-d6	8.276	84	368268	23.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.276	67	115909	23.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	10.325	98	333577	24.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.575	79	45976	22.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.922	63	35082	44.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89693	22.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106580	22.769	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62205	22.228	ug/L	94
3) Chloromethane	2.222	50	85579	21.447	ug/L	97
5) Vinyl chloride	2.375	62	104804	22.871	ug/L	98
6) Bromomethane	2.796	94	62056	22.532	ug/L	94
8) Chloroethane	2.936	64	66972	23.895	ug/L	95
9) Trichlorofluoromethane	3.265	101	102887	28.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99752	25.466	ug/L	95
12) 1,1-Dichloroethene	4.045	96	85890	25.842	ug/L	83
13) Acetone	4.118	43	68729	68.086	ug/L	95
14) Carbon disulfide	4.393	76	260035	23.967	ug/L	99
15) Methyl Acetate	4.673	43	44913	22.412	ug/L	99
16) Methylene chloride	4.923	84	101258	20.076	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	94684	25.652	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	147132	24.915	ug/L	99
19) 1,1-Dichloroethane	6.216	63	202122	25.355	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	104017	25.555	ug/L	96
22) 2-Butanone	7.173	43	72000	52.033	ug/L	97
23) Bromochloromethane	7.514	128	44921	24.792	ug/L	86
25) Chloroform	7.679	83	196518	25.245	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133047	23.174	ug/L	99
29) Cyclohexane	7.959	56	167075	28.311	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	157831	27.496	ug/L	97
31) Carbon tetrachloride	8.069	117	144935	27.640	ug/L	97
33) Benzene	8.325	78	424518	27.370	ug/L	100
34) Trichloroethene	9.093	95	109160	26.379	ug/L	97
35) Methylcyclohexane	9.337	83	179278	27.548	ug/L	97
37) 1,2-Dichloropropane	9.367	63	115880	26.588	ug/L	99
38) Bromodichloromethane	9.642	83	137359	25.777	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	167448	27.179	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	131908	48.831	ug/L	98
42) Toluene	10.386	91	441930	27.715	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	140113	26.934	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	77708	25.600	ug/L	97
46) Tetrachloroethene	10.861	164	81361	28.126	ug/L	88
48) 2-Hexanone	10.965	43	105449	55.013	ug/L	97
49) Dibromochloromethane	11.123	129	80253	25.292	ug/L	97
50) 1,2-Dibromoethane	11.233	107	68672	25.203	ug/L	99
51) Chlorobenzene	11.654	112	270248	26.100	ug/L	98
52) Ethylbenzene	11.727	91	511687	28.270	ug/L	96
53) m,p-Xylene	11.837	106	187989	28.435	ug/L	89
54) o-Xylene	12.160	106	177581	28.740	ug/L	97
55) Styrene	12.178	104	309460	28.725	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90592	24.127	ug/L	98
59) Bromoform	12.349	173	44893	24.289	ug/L	97
60) Isopropylbenzene	12.458	105	495949	27.600	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65998	22.438	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	380004	29.201	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	401870	28.701	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	210557	27.077	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	213230	25.773	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	187525	26.086	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	14318	20.859	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	142004	27.058	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	114224	26.849	ug/L	97
71) Naphthalene	15.360	128	207257	24.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	98244	25.345	ug/L	96

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

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