

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
 Data File : VW029435.D
 Acq On : 01 Jul 2024 18:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jul 02 08:13:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	258770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60223	16.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.240%
7) Chloroethane-d5	2.899	69	53871	17.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
11) 1,1-Dichloroethene-d2	4.021	65	31193	18.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	7.081	46	49330	46.035	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
24) Chloroform-d	7.648	84	165873	21.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.960%
26) 1,2-Dichloroethane-d4	8.307	65	92424	20.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	8.276	84	309197	21.710	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	9.270	67	101251	22.365	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.480%
41) Toluene-d8	10.325	98	275675	21.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	10.575	79	40170	22.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	10.922	63	34595	48.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81613	22.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	90176	21.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45718	18.109	ug/L	98
3) Chloromethane	2.222	50	69535	19.317	ug/L	100
5) Vinyl chloride	2.375	62	84822	20.518	ug/L	96
6) Bromomethane	2.789	94	50671	20.394	ug/L	100
8) Chloroethane	2.936	64	56025	22.157	ug/L	95
9) Trichlorofluoromethane	3.265	101	78986	24.645	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78975	22.349	ug/L	94
12) 1,1-Dichloroethene	4.045	96	72413	24.151	ug/L	86
13) Acetone	4.118	43	41805	45.906	ug/L	98
14) Carbon disulfide	4.393	76	201028	20.538	ug/L	99
15) Methyl Acetate	4.673	43	42788	23.668	ug/L	99
16) Methylene chloride	4.917	84	87728	19.280	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	80067	24.045	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	142193	26.691	ug/L #	87
19) 1,1-Dichloroethane	6.222	63	178396	24.806	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	96826	26.369	ug/L	99
22) 2-Butanone	7.167	43	58251	46.663	ug/L	98
23) Bromochloromethane	7.514	128	39958	24.445	ug/L	94
25) Chloroform	7.679	83	178964	25.484	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123330	23.812	ug/L	99
29) Cyclohexane	7.953	56	135750	25.325	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	138104	26.488	ug/L	97
31) Carbon tetrachloride	8.069	117	123361	25.900	ug/L	96
33) Benzene	8.325	78	370328	26.286	ug/L	100
34) Trichloroethene	9.093	95	97107	25.836	ug/L	94
35) Methylcyclohexane	9.337	83	147200	24.902	ug/L	98
37) 1,2-Dichloropropane	9.367	63	104421	26.377	ug/L	99
38) Bromodichloromethane	9.642	83	126825	26.202	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	150515	26.897	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	127450	51.943	ug/L	98
42) Toluene	10.386	91	387095	26.727	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	125600	26.581	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	69566	25.231	ug/L	96
46) Tetrachloroethene	10.861	164	68690	26.143	ug/L	93
48) 2-Hexanone	10.965	43	89490	51.400	ug/L	98
49) Dibromochloromethane	11.129	129	75916	26.341	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62421	25.221	ug/L #	97
51) Chlorobenzene	11.654	112	240412	25.562	ug/L	96
52) Ethylbenzene	11.727	91	450082	27.377	ug/L	96
53) m,p-Xylene	11.837	106	165140	27.500	ug/L	91
54) o-Xylene	12.166	106	157534	28.069	ug/L	95
55) Styrene	12.178	104	279049	28.517	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	85663	25.118	ug/L	96
59) Bromoform	12.343	173	41877	25.737	ug/L	99
60) Isopropylbenzene	12.458	105	454726	28.746	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62926	24.301	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	336485	29.371	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	351243	28.495	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	183812	26.851	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	192844	26.476	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	171303	27.068	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13713	22.693	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	126484	27.377	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105273	28.108	ug/L	95
71) Naphthalene	15.360	128	202007	27.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92238	27.029	ug/L	99

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

