

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111824\
 Data File : VW031052.D
 Acq On : 18 Nov 2024 18:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Nov 19 00:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 19 00:28:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	168026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107999	18.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
7) Chloroethane-d5	2.899	69	90065	20.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.840%
11) 1,1-Dichloroethene-d2	4.021	65	49962	21.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.400%
21) 2-Butanone-d5	7.081	46	47152	49.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.840%
24) Chloroform-d	7.648	84	268927	26.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.307	65	125762	24.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.276	84	503918	25.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.270	67	151121	25.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.680%
41) Toluene-d8	10.319	98	451693	25.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	10.575	79	58921	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.922	63	39683	52.003	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111959	27.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	159213	26.013	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	69471	18.637	ug/L	94
3) Chloromethane	2.222	50	83735	16.671	ug/L	98
5) Vinyl chloride	2.375	62	109385	18.376	ug/L	94
6) Bromomethane	2.795	94	74654	19.101	ug/L	91
8) Chloroethane	2.936	64	69696	19.314	ug/L	96
9) Trichlorofluoromethane	3.271	101	121762	22.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	113643	22.724	ug/L	91
12) 1,1-Dichloroethene	4.045	96	106285	23.498	ug/L	90
13) Acetone	4.131	43	38140	33.063	ug/L	94
14) Carbon disulfide	4.387	76	335843	22.586	ug/L	98
15) Methyl Acetate	4.673	43	37748	22.309	ug/L	100
16) Methylene chloride	4.917	84	119296	24.113	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	119020	23.985	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	161444	24.105	ug/L	97
19) 1,1-Dichloroethane	6.222	63	216651	23.397	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	130404	24.772	ug/L	92
22) 2-Butanone	7.173	43	47886	37.068	ug/L	96
23) Bromochloromethane	7.514	128	58042	25.177	ug/L	92
25) Chloroform	7.679	83	229288	23.534	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133817	22.054	ug/L	96
29) Cyclohexane	7.959	56	166511	21.612	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	188528	22.828	ug/L	97
31) Carbon tetrachloride	8.069	117	167052	22.511	ug/L	98
33) Benzene	8.325	78	506261	24.431	ug/L	100
34) Trichloroethene	9.093	95	132937	23.264	ug/L	93
35) Methylcyclohexane	9.331	83	207024	22.859	ug/L	97
37) 1,2-Dichloropropane	9.367	63	125318	24.198	ug/L	98
38) Bromodichloromethane	9.642	83	159372	23.433	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	180821	23.340	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	101624	42.908	ug/L	97
42) Toluene	10.386	91	546762	24.916	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	147252	22.879	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	88107	23.702	ug/L	98
46) Tetrachloroethene	10.861	164	104293	23.874	ug/L	96
48) 2-Hexanone	10.965	43	72714	40.354	ug/L	93
49) Dibromochloromethane	11.123	129	101440	25.028	ug/L	95
50) 1,2-Dibromoethane	11.233	107	82089	23.946	ug/L	98
51) Chlorobenzene	11.654	112	345054	24.569	ug/L	99
52) Ethylbenzene	11.727	91	600483	24.218	ug/L	99
53) m,p-Xylene	11.837	106	241536	25.901	ug/L	90
54) o-Xylene	12.160	106	223275	26.021	ug/L	97
55) Styrene	12.178	104	384602	26.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	97641	24.068	ug/L	98
59) Bromoform	12.349	173	56888	23.711	ug/L	98
60) Isopropylbenzene	12.458	105	604669	23.592	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65938	20.931	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	481880	23.879	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	473204	24.079	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263997	23.458	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	268702	23.257	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	239649	23.893	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14266	21.390	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	183620	24.587	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	138396	23.338	ug/L	99
71) Naphthalene	15.360	128	233737	24.314	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132720	25.970	ug/L	95

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

