

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110624\
 Data File : VW030939.D
 Acq On : 06 Nov 2024 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Nov 07 03:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 06 00:11:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	466734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	415770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	216316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	173022	22.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
7) Chloroethane-d5	2.905	69	139993	23.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	4.021	65	78488	24.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.400%
21) 2-Butanone-d5	7.075	46	70732	56.149	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.300%
24) Chloroform-d	7.648	84	371661	27.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.307	65	181181	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.920%
32) Benzene-d6	8.276	84	730297	28.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.080%
36) 1,2-Dichloropropane-d6	9.270	67	208217	27.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.325	98	648743	28.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.000%
43) trans-1,3-Dichloroprop...	10.575	79	86442	28.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.040%
47) 2-Hexanone-d5	10.922	63	62200	63.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152972	28.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	207836	26.377	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	134047	26.963	ug/L	93
3) Chloromethane	2.222	50	162402	24.243	ug/L	99
5) Vinyl chloride	2.375	62	195754	24.656	ug/L	93
6) Bromomethane	2.789	94	124769	23.935	ug/L	98
8) Chloroethane	2.936	64	120133	24.960	ug/L	99
9) Trichlorofluoromethane	3.271	101	181655	25.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	173490	26.010	ug/L	92
12) 1,1-Dichloroethene	4.045	96	167496	27.764	ug/L	87
13) Acetone	4.118	43	93685	60.891	ug/L	98
14) Carbon disulfide	4.387	76	531429	26.797	ug/L	99
15) Methyl Acetate	4.667	43	63328	28.061	ug/L	98
16) Methylene chloride	4.917	84	177002	26.825	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	182670	27.601	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	254589	28.500	ug/L	99
19) 1,1-Dichloroethane	6.216	63	329856	26.709	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	192881	27.472	ug/L	92
22) 2-Butanone	7.167	43	104218	60.487	ug/L	99
23) Bromochloromethane	7.514	128	84816	27.584	ug/L	98
25) Chloroform	7.673	83	340674	26.216	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	211185	26.095	ug/L	100
29) Cyclohexane	7.959	56	288918	28.997	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	283883	26.580	ug/L	99
31) Carbon tetrachloride	8.069	117	257341	26.815	ug/L	100
33) Benzene	8.325	78	757943	28.283	ug/L	100
34) Trichloroethene	9.087	95	196463	26.586	ug/L	90
35) Methylcyclohexane	9.337	83	335109	28.612	ug/L	98
37) 1,2-Dichloropropane	9.367	63	186888	27.904	ug/L	99
38) Bromodichloromethane	9.642	83	243583	27.694	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	285767	28.523	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	178596	58.310	ug/L	100
42) Toluene	10.386	91	800967	28.225	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	236107	28.367	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	132728	27.610	ug/L	97
46) Tetrachloroethene	10.861	164	155871	27.591	ug/L	97
48) 2-Hexanone	10.965	43	148651	63.792	ug/L	98
49) Dibromochloromethane	11.129	129	150254	28.667	ug/L	99
50) 1,2-Dibromoethane	11.233	107	121839	27.483	ug/L	95
51) Chlorobenzene	11.654	112	507747	27.957	ug/L	94
52) Ethylbenzene	11.727	91	918870	28.657	ug/L	99
53) m,p-Xylene	11.837	106	351908	29.181	ug/L	100
54) o-Xylene	12.160	106	321640	28.985	ug/L	99
55) Styrene	12.178	104	571961	30.168	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	150698	28.725	ug/L	94
59) Bromoform	12.349	173	81208	26.291	ug/L	99
60) Isopropylbenzene	12.458	105	889741	26.965	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	106485	26.257	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	732304	28.187	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	717622	28.364	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	393926	27.189	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	396239	26.639	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	339276	26.274	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	22352	26.033	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	263561	27.413	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	217269	28.460	ug/L	99
71) Naphthalene	15.360	128	358477	28.966	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	183982	27.964	ug/L	96

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

