

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
 Data File : VW029517.D
 Acq On : 11 Jul 2024 09:35
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Jul 12 04:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279008	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257199	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	121835	27.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.120%	
7) Chloroethane-d5	2.905	69	93803	28.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.600%	
11) 1,1-Dichloroethene-d2	4.027	65	56509	27.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.680%#	
21) 2-Butanone-d5	7.075	46	59649	44.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.180%	
24) Chloroform-d	7.654	84	236268	29.292	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.160%	
26) 1,2-Dichloroethane-d4	8.307	65	129231	27.316	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.280%	
32) Benzene-d6	8.276	84	458543	29.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 119.040%	
36) 1,2-Dichloropropane-d6	9.276	67	143593	29.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.600%	
41) Toluene-d8	10.325	98	409113	30.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 120.760%	
43) trans-1,3-Dichloroprop...	10.575	79	55761	26.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.920%	
47) 2-Hexanone-d5	10.922	63	41856	46.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101448	25.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.440%	
66) 1,2-Dichlorobenzene-d4	13.848	152	127814	28.822	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 115.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	66577	24.368	ug/L #	85
3) Chloromethane	2.229	50	94217	25.774	ug/L	95
5) Vinyl chloride	2.375	62	116878	28.018	ug/L	94
6) Bromomethane	2.796	94	68946	27.913	ug/L	95
8) Chloroethane	2.942	64	74390	28.981	ug/L	98
9) Trichlorofluoromethane	3.271	101	105102	27.989	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	95300	25.788	ug/L	94
12) 1,1-Dichloroethene	4.045	96	97910	28.218	ug/L	97
13) Acetone	4.119	43	74568	54.604	ug/L	99
14) Carbon disulfide	4.393	76	318114	28.231	ug/L	98
15) Methyl Acetate	4.673	43	51691	21.559	ug/L	98
16) Methylene chloride	4.923	84	130789	26.183	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	105783	27.540	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	162126	24.808	ug/L	100
19) 1,1-Dichloroethane	6.222	63	220718	27.981	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	115816	27.574	ug/L	90
22) 2-Butanone	7.173	43	80632	44.976	ug/L	99
23) Bromochloromethane	7.520	128	48353	25.594	ug/L	92
25) Chloroform	7.679	83	211459	27.706	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147918	25.839	ug/L	98
29) Cyclohexane	7.959	56	188586	29.446	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	173404	29.524	ug/L	99
31) Carbon tetrachloride	8.069	117	156035	29.009	ug/L	100
33) Benzene	8.325	78	467834	29.072	ug/L	100
34) Trichloroethene	9.093	95	121294	28.543	ug/L	96
35) Methylcyclohexane	9.337	83	204419	29.928	ug/L	100
37) 1,2-Dichloropropane	9.368	63	128405	28.855	ug/L	100
38) Bromodichloromethane	9.648	83	150893	27.761	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	187296	28.023	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	148892	47.476	ug/L	99
42) Toluene	10.386	91	490020	29.765	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	155046	27.066	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	82337	25.728	ug/L	98
46) Tetrachloroethene	10.861	164	83725	27.732	ug/L	77
48) 2-Hexanone	10.965	43	119575	50.751	ug/L	99
49) Dibromochloromethane	11.123	129	88730	26.641	ug/L	99
50) 1,2-Dibromoethane	11.233	107	75174	24.649	ug/L	96
51) Chlorobenzene	11.654	112	301146	28.297	ug/L	99
52) Ethylbenzene	11.727	91	556641	29.844	ug/L	99
53) m,p-Xylene	11.837	106	207489	30.303	ug/L	95
54) o-Xylene	12.166	106	193243	30.514	ug/L	94
55) Styrene	12.178	104	337459	30.304	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	97880	24.246	ug/L	97
59) Bromoform	12.349	173	50712	25.800	ug/L	95
60) Isopropylbenzene	12.458	105	551198	30.765	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71775	23.291	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	410864	32.239	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	431030	30.644	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	230191	28.664	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	224642	27.304	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	202207	27.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15425	20.937	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	146284	27.922	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	117865	25.568	ug/L	93
71) Naphthalene	15.360	128	224956	23.250	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	103327	24.671	ug/L	99

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

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