

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028304.D
 Acq On : 04 Apr 2024 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Apr 05 00:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	215509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	49733	19.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.905	69	43723	24.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.027	65	31839	19.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	7.087	46	41469	55.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.520%
24) Chloroform-d	7.654	84	172072	27.077	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.320%
26) 1,2-Dichloroethane-d4	8.307	65	85959	24.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.276	84	316693	26.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	9.276	67	98243	28.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.760%
41) Toluene-d8	10.325	98	278006	24.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.560%
43) trans-1,3-Dichloroprop...	10.575	79	38742	24.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.920%
47) 2-Hexanone-d5	10.922	63	32195	55.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74354	28.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	100881	26.017	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	68262	21.835	ug/L	92
3) Chloromethane	2.229	50	53976	24.343	ug/L	99
5) Vinyl chloride	2.375	62	68763	27.435	ug/L	99
6) Bromomethane	2.796	94	40170	26.911	ug/L	94
8) Chloroethane	2.942	64	39494	29.316	ug/L	99
9) Trichlorofluoromethane	3.277	101	82221	27.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82532	27.415	ug/L	97
12) 1,1-Dichloroethene	4.051	96	74669	26.831	ug/L #	75
13) Acetone	4.137	43	35479	42.966	ug/L	98
14) Carbon disulfide	4.393	76	209140	24.095	ug/L	99
15) Methyl Acetate	4.679	43	30634	24.085	ug/L	99
16) Methylene chloride	4.929	84	79792	24.327	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	78107	26.410	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	116211	26.044	ug/L	98
19) 1,1-Dichloroethane	6.222	63	160467	28.026	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	88526	27.715	ug/L	99
22) 2-Butanone	7.173	43	43349	46.237	ug/L	99
23) Bromochloromethane	7.520	128	37633	26.650	ug/L	100
25) Chloroform	7.679	83	159826	27.115	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	101541	24.394	ug/L #	94
29) Cyclohexane	7.959	56	137121	26.504	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	137378	26.422	ug/L	99
31) Carbon tetrachloride	8.075	117	126634	25.965	ug/L	96
33) Benzene	8.325	78	338679	27.748	ug/L	100
34) Trichloroethene	9.093	95	91141	26.765	ug/L	98
35) Methylcyclohexane	9.337	83	149098	25.904	ug/L	99
37) 1,2-Dichloropropane	9.367	63	89047	28.523	ug/L	99
38) Bromodichloromethane	9.642	83	111737	26.547	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	136412	27.284	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	85321	49.512	ug/L	99
42) Toluene	10.386	91	371358	27.878	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	110322	26.136	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	59541	26.397	ug/L	98
46) Tetrachloroethene	10.861	164	73662	26.836	ug/L	96
48) 2-Hexanone	10.965	43	63659	47.159	ug/L	98
49) Dibromochloromethane	11.129	129	67639	25.320	ug/L	100
50) 1,2-Dibromoethane	11.233	107	54536	25.286	ug/L	98
51) Chlorobenzene	11.654	112	231003	27.321	ug/L	98
52) Ethylbenzene	11.727	91	426420	27.422	ug/L	97
53) m,p-Xylene	11.837	106	161090	27.529	ug/L	94
54) o-Xylene	12.166	106	150303	27.698	ug/L	94
55) Styrene	12.178	104	263066	28.223	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	67291	26.082	ug/L	94
59) Bromoform	12.343	173	37826	23.716	ug/L	97
60) Isopropylbenzene	12.458	105	426072	26.942	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47574	23.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	285172	26.875	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	349300	27.262	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	189115	26.805	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	182932	25.930	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	165727	27.277	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10335	21.658	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	133090	27.081	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	107496	25.748	ug/L	99
71) Naphthalene	15.360	128	179146	25.000	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88357	25.672	ug/L	98

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

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