

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027613.D
 Acq On : 13 Dec 2023 22:33
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Dec 14 00:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	263802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	104217	19.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
7) Chloroethane-d5	2.905	69	83221	21.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	4.027	65	49056	21.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.081	46	55941	40.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.420%
24) Chloroform-d	7.648	84	194927	24.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.307	65	93269	23.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.276	84	388835	23.916	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.276	67	119008	24.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.325	98	338723	23.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.575	79	41576	22.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	39324	44.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90510	22.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	101871	24.914	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	97742	27.672	ug/L	99
3) Chloromethane	2.229	50	126229	29.179	ug/L	100
5) Vinyl chloride	2.375	62	136203	26.991	ug/L	99
6) Bromomethane	2.795	94	72553	27.397	ug/L	90
8) Chloroethane	2.936	64	77315	26.826	ug/L	98
9) Trichlorofluoromethane	3.277	101	180655	37.380	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	105833	25.681	ug/L	98
12) 1,1-Dichloroethene	4.045	96	105521	28.044	ug/L	93
13) Acetone	4.131	43	50732	37.831	ug/L	94
14) Carbon disulfide	4.393	76	329353	28.964	ug/L	100
15) Methyl Acetate	4.673	43	43453	18.540	ug/L	97
16) Methylene chloride	4.923	84	103644	24.093	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	102833	26.504	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	150383	24.030	ug/L	98
19) 1,1-Dichloroethane	6.222	63	207185	26.258	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	105384	25.292	ug/L	97
22) 2-Butanone	7.173	43	62869	36.340	ug/L	94
23) Bromochloromethane	7.520	128	40692	24.830	ug/L	95
25) Chloroform	7.679	83	187207	26.131	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	115602	24.966	ug/L	97
29) Cyclohexane	7.959	56	226682	29.870	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	174380	27.081	ug/L	99
31) Carbon tetrachloride	8.075	117	153828	27.388	ug/L	100
33) Benzene	8.325	78	434877	27.296	ug/L	100
34) Trichloroethene	9.093	95	116350	26.737	ug/L	98
35) Methylcyclohexane	9.337	83	230071	29.692	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110559	26.283	ug/L	99
38) Bromodichloromethane	9.642	83	126178	25.947	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	154346	25.418	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	119223	41.931	ug/L	99
42) Toluene	10.386	91	457260	27.136	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	122343	24.976	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	69935	23.873	ug/L	98
46) Tetrachloroethene	10.861	164	82580	26.618	ug/L	97
48) 2-Hexanone	10.965	43	82590	41.215	ug/L	97
49) Dibromochloromethane	11.123	129	70561	24.367	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64444	24.045	ug/L	99
51) Chlorobenzene	11.654	112	267106	26.274	ug/L	98
52) Ethylbenzene	11.727	91	525116	27.434	ug/L	95
53) m,p-Xylene	11.837	106	193195	27.391	ug/L	98
54) o-Xylene	12.160	106	175793	27.423	ug/L	94
55) Styrene	12.178	104	291034	26.599	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	85657	22.460	ug/L	95
59) Bromoform	12.349	173	36557	22.377	ug/L	100
60) Isopropylbenzene	12.458	105	530031	27.521	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61652	21.913	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	396061	27.804	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380095	26.792	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	196447	26.629	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	189359	25.734	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	174026	26.184	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13641	20.157	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	125367	25.272	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	97624	25.342	ug/L	99
71) Naphthalene	15.360	128	192349	23.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	88008	26.670	ug/L	97

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

