

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081623\
 Data File : VW026755.D
 Acq On : 16 Aug 2023 13:42
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Aug 17 01:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 17 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	461717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	491306	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	263805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142796	18.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
7) Chloroethane-d5	2.899	69	123331	21.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	4.027	65	82249	22.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.120%
21) 2-Butanone-d5	7.075	46	100576	46.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
24) Chloroform-d	7.642	84	422548	27.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.080%
26) 1,2-Dichloroethane-d4	8.307	65	229095	26.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.270	84	816293	24.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.270	67	261914	24.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.319	98	664146	22.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.575	79	95655	21.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.922	63	48497	43.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215840	25.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	246658	26.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	172569	27.490	ug/L	# 88
3) Chloromethane	2.229	50	195319	22.754	ug/L	98
5) Vinyl chloride	2.375	62	201062	24.502	ug/L	98
6) Bromomethane	2.789	94	120548	25.214	ug/L	99
8) Chloroethane	2.936	64	119821	24.369	ug/L	97
9) Trichlorofluoromethane	3.265	101	153780	22.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	190733	26.220	ug/L	97
12) 1,1-Dichloroethene	4.051	96	182628	26.761	ug/L	92
13) Acetone	4.125	43	78277	36.087	ug/L	100
14) Carbon disulfide	4.393	76	644041	26.232	ug/L	99
15) Methyl Acetate	4.667	43	102750	23.648	ug/L	97
16) Methylene chloride	4.917	84	205352	22.992	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	211422	27.762	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	316503	27.467	ug/L	99
19) 1,1-Dichloroethane	6.216	63	437903	27.939	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	230682	28.181	ug/L	93
22) 2-Butanone	7.173	43	130803	40.919	ug/L	98
23) Bromochloromethane	7.508	128	99514	28.144	ug/L	95
25) Chloroform	7.673	83	412329	27.230	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	295936	28.015	ug/L	99
29) Cyclohexane	7.959	56	342249	22.526	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	305094	23.794	ug/L	99
31) Carbon tetrachloride	8.069	117	301219	25.693	ug/L	97
33) Benzene	8.319	78	892805	24.954	ug/L	100
34) Trichloroethene	9.093	95	231005	25.351	ug/L	97
35) Methylcyclohexane	9.337	83	387075	24.830	ug/L	98
37) 1,2-Dichloropropane	9.368	63	255082	26.029	ug/L	99
38) Bromodichloromethane	9.642	83	300547	26.143	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	334745	23.744	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	263403	41.321	ug/L	98
42) Toluene	10.386	91	883747	24.418	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	288553	23.779	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	155477	23.198	ug/L	98
46) Tetrachloroethene	10.861	164	146145	22.076	ug/L	86
48) 2-Hexanone	10.965	43	182613	42.100	ug/L	98
49) Dibromochloromethane	11.123	129	171143	24.414	ug/L	96
50) 1,2-Dibromoethane	11.233	107	147211	23.409	ug/L	97
51) Chlorobenzene	11.654	112	590407	25.825	ug/L	98
52) Ethylbenzene	11.727	91	1099120	27.081	ug/L	98
53) m,p-Xylene	11.837	106	405054	26.939	ug/L	97
54) o-Xylene	12.166	106	388440	27.680	ug/L	100
55) Styrene	12.178	104	686592	28.139	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	208904	24.611	ug/L	100
59) Bromoform	12.349	173	106195	25.697	ug/L	99
60) Isopropylbenzene	12.458	105	1046289	26.677	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155401	24.285	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	866073	27.937	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	871649	28.693	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	453293	26.574	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	456761	25.659	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	396384	25.555	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	33687	21.837	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	271295	23.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	224896	23.018	ug/L	96
71) Naphthalene	15.360	128	458809	24.617	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	210217	23.854	ug/L	95

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

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