

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025594.D
 Acq On : 20 Apr 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Apr 21 01:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	647663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	583739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	204395	19.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.899	69	158892	21.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.021	63	461548	21.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.075	46	131371	55.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
24) Chloroform-d	7.648	84	425452	23.396	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	225193	23.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	849447	22.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.270	67	271423	23.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.325	98	747752	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.575	79	100848	22.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.922	63	91513	56.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208266	26.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	230958	23.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	211790	23.384	ug/L	99
3) Chloromethane	2.222	50	251612	23.945	ug/L	98
5) Vinyl chloride	2.369	62	290187	24.982	ug/L	94
6) Bromomethane	2.789	94	147357	23.582	ug/L	100
8) Chloroethane	2.936	64	159540	24.523	ug/L	100
9) Trichlorofluoromethane	3.265	101	229819	25.681	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	243668	27.134	ug/L	99
12) 1,1-Dichloroethene	4.039	96	222749	24.781	ug/L	99
13) Acetone	4.125	43	131269	65.967	ug/L	98
14) Carbon disulfide	4.387	76	721121	22.739	ug/L	99
15) Methyl Acetate	4.673	43	118486	26.503	ug/L	100
16) Methylene chloride	4.917	84	248094	24.099	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	229107	23.974	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	342105	25.940	ug/L	99
19) 1,1-Dichloroethane	6.216	63	481241	25.204	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246635	24.804	ug/L	98
22) 2-Butanone	7.167	43	177980	62.916	ug/L	98
23) Bromochloromethane	7.514	128	102612	25.165	ug/L	97
25) Chloroform	7.673	83	445471	25.513	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303170	25.875	ug/L	100
29) Cyclohexane	7.959	56	461193	24.410	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	364154	25.107	ug/L	100
31) Carbon tetrachloride	8.069	117	324126	24.745	ug/L	97
33) Benzene	8.319	78	1004566	24.724	ug/L	100
34) Trichloroethene	9.093	95	252811	23.921	ug/L	96
35) Methylcyclohexane	9.337	83	468467	24.548	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269400	25.106	ug/L	100
38) Bromodichloromethane	9.642	83	309650	25.221	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	390157	25.348	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	332535	54.749	ug/L	100
42) Toluene	10.386	91	1033378	24.977	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	327554	25.807	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	177950	26.008	ug/L	98
46) Tetrachloroethene	10.861	164	177832	23.925	ug/L	91
48) 2-Hexanone	10.965	43	249164	59.373	ug/L	99
49) Dibromochloromethane	11.123	129	186231	25.852	ug/L	96
50) 1,2-Dibromoethane	11.233	107	161844	25.744	ug/L	99
51) Chlorobenzene	11.654	112	633954	24.866	ug/L	100
52) Ethylbenzene	11.727	91	1171941	25.031	ug/L	96
53) m,p-Xylene	11.837	106	435963	25.391	ug/L	98
54) o-Xylene	12.166	106	407446	25.367	ug/L	95
55) Styrene	12.178	104	704409	26.055	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	219838	26.824	ug/L	100
59) Bromoform	12.349	173	102488	25.676	ug/L	96
60) Isopropylbenzene	12.458	105	1153442	25.279	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155861	25.817	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	926607	25.725	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	900831	25.973	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	461849	24.425	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	471816	24.433	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	411885	24.847	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34055	25.715	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	304738	24.071	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	248814	24.194	ug/L	98
71) Naphthalene	15.360	128	506966	26.419	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	219687	24.433	ug/L	94

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

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