

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025376.D
 Acq On : 06 Mar 2023 11:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV436

Quant Time: Mar 07 05:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 05:10:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	819448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	704946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	349405	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	320773	23.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
7) Chloroethane-d5	2.899	69	227240	23.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.021	63	625575	23.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.080%
21) 2-Butanone-d5	7.075	46	139962	41.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.700%
24) Chloroform-d	7.648	84	547075	23.158	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.640%
26) 1,2-Dichloroethane-d4	8.307	65	282024	22.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.960%
32) Benzene-d6	8.276	84	1140609	23.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.270	67	352303	23.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.325	98	1024404	24.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.575	79	138428	23.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.922	63	94732	44.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	241454	22.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	299533	23.053	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	244813	26.142	ug/L	95
3) Chloromethane	2.223	50	296975	26.664	ug/L	96
5) Vinyl chloride	2.375	62	329235	26.165	ug/L	100
6) Bromomethane	2.790	94	175253	26.124	ug/L	99
8) Chloroethane	2.936	64	187360	25.907	ug/L	94
9) Trichlorofluoromethane	3.265	101	258369	23.723	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	261981	24.804	ug/L	97
12) 1,1-Dichloroethene	4.045	96	261280	25.569	ug/L	98
13) Acetone	4.119	43	175692	54.648	ug/L	99
14) Carbon disulfide	4.387	76	867662	27.309	ug/L	98
15) Methyl Acetate	4.667	43	130443	21.628	ug/L	100
16) Methylene chloride	4.917	84	279686	24.511	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	264159	24.660	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	382072	23.691	ug/L	99
19) 1,1-Dichloroethane	6.216	63	541924	24.430	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	291119	24.822	ug/L	# 96
22) 2-Butanone	7.167	43	196363	47.215	ug/L	99
23) Bromochloromethane	7.514	128	118023	23.401	ug/L	97
25) Chloroform	7.673	83	498455	23.903	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	331244	23.802	ug/L	99
29) Cyclohexane	7.953	56	533539	26.813	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	414473	24.733	ug/L	99
31) Carbon tetrachloride	8.069	117	374289	24.917	ug/L	99
33) Benzene	8.319	78	1146535	25.439	ug/L	100
34) Trichloroethene	9.093	95	291770	24.665	ug/L	97
35) Methylcyclohexane	9.331	83	536749	26.340	ug/L	99
37) 1,2-Dichloropropane	9.368	63	300017	24.183	ug/L	100
38) Bromodichloromethane	9.642	83	346423	23.943	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	446362	24.974	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	346080	46.413	ug/L	99
42) Toluene	10.386	91	1199465	25.776	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	368416	24.615	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	195652	23.483	ug/L	98
46) Tetrachloroethene	10.861	164	213260	25.337	ug/L	96
48) 2-Hexanone	10.965	43	270155	50.359	ug/L	99
49) Dibromochloromethane	11.123	129	203127	22.818	ug/L	96
50) 1,2-Dibromoethane	11.233	107	181348	23.515	ug/L	91
51) Chlorobenzene	11.654	112	730377	24.730	ug/L	96
52) Ethylbenzene	11.727	91	1344579	25.334	ug/L	98
53) m,p-Xylene	11.837	106	507402	25.921	ug/L	99
54) o-Xylene	12.166	106	473265	25.693	ug/L	98
55) Styrene	12.178	104	805509	25.608	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	232297	22.414	ug/L	97
59) Bromoform	12.343	173	117491	23.307	ug/L	96
60) Isopropylbenzene	12.459	105	1302223	25.001	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	168903	22.187	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1071592	25.977	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1035389	25.478	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	539935	24.464	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	536534	23.699	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	484755	24.489	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	36408	20.659	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	362345	24.151	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	306793	24.663	ug/L	98
71) Naphthalene	15.360	128	581794	23.694	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	260221	23.290	ug/L	97

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

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