

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026437.D
 Acq On : 29 Jun 2023 16:45
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV477

Quant Time: Jun 30 01:12:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:06:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	871515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	767136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	372342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	218433	22.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.040%
7) Chloroethane-d5	2.893	69	167796	20.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.080%
11) 1,1-Dichloroethene-d2	4.027	65	105059	21.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.075	46	156582	41.754	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.500%
24) Chloroform-d	7.648	84	451977	21.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.307	65	240804	20.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.960%
32) Benzene-d6	8.276	84	923034	20.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.270	67	295895	20.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.240%
41) Toluene-d8	10.325	98	815492	20.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.760%
43) trans-1,3-Dichloroprop...	10.575	79	115478	20.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.600%
47) 2-Hexanone-d5	10.922	63	104420	43.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233038	21.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	262069	20.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	214267	25.195	ug/L	94
3) Chloromethane	2.229	50	324617	27.079	ug/L	100
5) Vinyl chloride	2.375	62	307534	24.891	ug/L	100
6) Bromomethane	2.789	94	169566	24.133	ug/L	99
8) Chloroethane	2.930	64	178463	23.816	ug/L	99
9) Trichlorofluoromethane	3.265	101	206239	22.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	240196	24.088	ug/L	96
12) 1,1-Dichloroethene	4.045	96	238527	24.440	ug/L	95
13) Acetone	4.118	43	102121	38.548	ug/L	98
14) Carbon disulfide	4.393	76	810646	25.665	ug/L	98
15) Methyl Acetate	4.667	43	153932	26.761	ug/L	99
16) Methylene chloride	4.923	84	310258	21.068	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	262425	24.997	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	448617	26.148	ug/L	100
19) 1,1-Dichloroethane	6.216	63	546034	25.848	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	293797	24.707	ug/L	97
22) 2-Butanone	7.173	43	196899	45.334	ug/L	99
23) Bromochloromethane	7.514	128	124722	25.218	ug/L	93
25) Chloroform	7.673	83	500479	24.409	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	344709	24.588	ug/L	100
29) Cyclohexane	7.959	56	515220	23.691	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	388290	23.760	ug/L	99
31) Carbon tetrachloride	8.069	117	335912	22.831	ug/L	98
33) Benzene	8.325	78	1154743	24.037	ug/L	100
34) Trichloroethene	9.093	95	287283	23.476	ug/L	99
35) Methylcyclohexane	9.331	83	524371	24.052	ug/L	100
37) 1,2-Dichloropropane	9.367	63	314121	24.631	ug/L	100
38) Bromodichloromethane	9.642	83	355138	24.811	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	462550	24.233	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	439370	50.177	ug/L	99
42) Toluene	10.386	91	1194606	24.306	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	383866	24.607	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	213839	24.615	ug/L	99
46) Tetrachloroethene	10.861	164	202363	23.389	ug/L	90
48) 2-Hexanone	10.965	43	308551	52.498	ug/L	98
49) Dibromochloromethane	11.123	129	220634	25.499	ug/L	98
50) 1,2-Dibromoethane	11.233	107	200701	25.124	ug/L	97
51) Chlorobenzene	11.654	112	723800	23.801	ug/L	99
52) Ethylbenzene	11.727	91	1310196	23.690	ug/L	97
53) m,p-Xylene	11.837	106	499148	24.339	ug/L	100
54) o-Xylene	12.166	106	471811	24.806	ug/L	98
55) Styrene	12.178	104	826988	25.472	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	268381	25.300	ug/L	99
59) Bromoform	12.349	173	121249	24.593	ug/L	99
60) Isopropylbenzene	12.458	105	1301568	23.966	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	196920	24.197	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1063663	24.630	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1062366	25.181	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	535169	23.487	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	531187	23.440	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	484917	23.517	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	44916	24.085	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	356351	22.973	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	320625	23.882	ug/L	98
71) Naphthalene	15.360	128	699079	25.546	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	292821	25.363	ug/L	98

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

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