

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026444.D
 Acq On : 29 Jun 2023 20:02
 Operator : SY/MD
 Sample : 03421-22MS
 Misc : 4.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K6MS

Quant Time: Jun 30 01:22:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	918666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	638515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247314	23.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
7) Chloroethane-d5	2.893	69	196801	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
11) 1,1-Dichloroethene-d2	4.021	65	121153	23.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.075	46	186778	47.249	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.500%
24) Chloroform-d	7.648	84	485428	21.679	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.307	65	270845	22.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.276	84	1002351	26.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.960%
36) 1,2-Dichloropropane-d6	9.270	67	319695	27.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.325	98	788236	24.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.575	79	107511	22.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.922	63	120633	60.947	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201277	22.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	109089	17.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.760%#
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	193876	21.627	ug/L #	75
3) Chloromethane	2.229	50	337805	26.733	ug/L	99
5) Vinyl chloride	2.375	62	330948	25.412	ug/L	100
6) Bromomethane	2.789	94	170997	23.088	ug/L	98
8) Chloroethane	2.930	64	204217	25.855	ug/L	99
9) Trichlorofluoromethane	3.265	101	269489	28.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	227824	21.675	ug/L	99
12) 1,1-Dichloroethene	4.045	96	262550	25.521	ug/L	87
13) Acetone	4.118	43	436831	156.431	ug/L	97
14) Carbon disulfide	4.387	76	765176	22.982	ug/L	100
15) Methyl Acetate	4.667	43	172207	28.401	ug/L	100
16) Methylene chloride	4.923	84	297615	19.173	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	270331	24.428	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	512111	28.316	ug/L	99
19) 1,1-Dichloroethane	6.216	63	584241	26.237	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	303223	24.190	ug/L	97
22) 2-Butanone	7.167	43	372909	81.451	ug/L	97
23) Bromochloromethane	7.514	128	131128	25.153	ug/L	96
25) Chloroform	7.673	83	527058	24.386	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	363491	24.597	ug/L	99
29) Cyclohexane	7.953	56	341779	18.882	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	401998	29.554	ug/L	99
31) Carbon tetrachloride	8.069	117	252605	20.628	ug/L	100
33) Benzene	8.325	78	1186160	29.665	ug/L	100
34) Trichloroethene	9.093	95	270526	26.559	ug/L	93
35) Methylcyclohexane	9.337	83	217248	11.972	ug/L	99
37) 1,2-Dichloropropane	9.367	63	319282	30.078	ug/L	100
38) Bromodichloromethane	9.642	83	320394	26.892	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	410605	25.844	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	511517	70.184	ug/L	98
42) Toluene	10.386	91	1083034	26.474	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	330995	25.492	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	212732	29.420	ug/L	97
46) Tetrachloroethene	10.861	164	141313	19.623	ug/L	95
48) 2-Hexanone	10.965	43	339007	69.299	ug/L	99
49) Dibromochloromethane	11.129	129	179916	24.982	ug/L	100
50) 1,2-Dibromoethane	11.233	107	192872	29.007	ug/L	97
51) Chlorobenzene	11.654	112	576099	22.760	ug/L	98
52) Ethylbenzene	11.727	91	979094	21.269	ug/L	100
53) m,p-Xylene	11.837	106	346024	20.271	ug/L	100
54) o-Xylene	12.166	106	334028	21.099	ug/L	90
55) Styrene	12.178	104	542118	20.061	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	210214	23.808	ug/L	97
59) Bromoform	12.349	173	87137	37.675	ug/L	95
60) Isopropylbenzene	12.458	105	710711	27.896	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	176520	46.236	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	483754	23.878	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	490088	24.762	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	227589	21.291	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	225371	21.199	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	200288	20.705	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	30115	34.423	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	74937	10.298	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	59824	9.499	ug/L	98
71) Naphthalene	15.360	128	205700	16.023	ug/L	97
72) 1,2,3-Trichlorobenzene	15.555	180	42617	7.869	ug/L #	89

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

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