

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025767.D
 Acq On : 28 Apr 2023 18:04
 Operator : SY/MD
 Sample : 02526-17MS
 Misc : 5.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCG0MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/29/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 02:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	317808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	128109	15.412	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	61.640%	
7) Chloroethane-d5	2.899	69	106559m	17.880	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	71.520%	
11) 1,1-Dichloroethene-d2	4.033	63	334650	17.658	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	70.640%	
21) 2-Butanone-d5	7.075	46	146479	53.402	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	106.800%	
24) Chloroform-d	7.648	84	370670	20.277	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	81.120%	
26) 1,2-Dichloroethane-d4	8.307	65	218554	21.931	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	87.720%	
32) Benzene-d6	8.270	84	712051	18.643	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	74.560%	
36) 1,2-Dichloropropane-d6	9.270	67	237651	19.237	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	76.960%	
41) Toluene-d8	10.319	98	632869	18.744	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	74.960%	
43) trans-1,3-Dichloroprop...	10.575	79	101952	21.177	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	84.720%	
47) 2-Hexanone-d5	10.922	63	106174	55.336	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	110.680%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221305	24.306	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	97.240%	
66) 1,2-Dichlorobenzene-d4	13.848	152	221721	20.363	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	81.440%	
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	190441m	22.072	ug/L	
3) Chloromethane	2.222	50	208509	18.294	ug/L	98
5) Vinyl chloride	2.375	62	216143	18.036	ug/L	99
6) Bromomethane	2.789	94	121137	19.105	ug/L	100
8) Chloroethane	2.930	64	124332	20.367	ug/L	100
9) Trichlorofluoromethane	3.265	101	171470	19.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	180687	19.221	ug/L	97
12) 1,1-Dichloroethene	4.045	96	182405	19.802	ug/L	95
13) Acetone	4.118	43	230201	90.541	ug/L	99
14) Carbon disulfide	4.393	76	626949	19.442	ug/L	97
15) Methyl Acetate	4.661	43	125024	24.828	ug/L	98
16) Methylene chloride	4.923	84	211963	16.466	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	197709	20.377	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	331454	23.738	ug/L	99
19) 1,1-Dichloroethane	6.216	63	404872	20.475	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	211868	20.817	ug/L #	97
22) 2-Butanone	7.167	43	179448	55.666	ug/L	98
23) Bromochloromethane	7.514	128	94869	22.446	ug/L	96
25) Chloroform	7.673	83	377058	20.761	ug/L	99

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27) 1,2-Dichloroethane	8.398	62	290744	23.389	ug/L	98
29) Cyclohexane	7.959	56	381759	19.506	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	299493	19.553	ug/L	97
31) Carbon tetrachloride	8.069	117	279659	20.124	ug/L	98
33) Benzene	8.325	78	872905	20.332	ug/L	100
34) Trichloroethene	9.093	95	218806	19.731	ug/L	97
35) Methylcyclohexane	9.331	83	384092	19.488	ug/L	100
37) 1,2-Dichloropropane	9.367	63	236244	20.414	ug/L	100
38) Bromodichloromethane	9.642	83	277800	21.238	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	358129	21.611	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	357721	51.248	ug/L	99
42) Toluene	10.386	91	909222	20.759	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	308455	22.656	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	170104	22.685	ug/L	98
46) Tetrachloroethene	10.861	164	160866	20.484	ug/L	95
48) 2-Hexanone	10.965	43	257032	52.291	ug/L	97
49) Dibromochloromethane	11.123	129	175849	22.641	ug/L	94
50) 1,2-Dibromoethane	11.233	107	159941	23.251	ug/L #	94
51) Chlorobenzene	11.654	112	550579	20.426	ug/L	98
52) Ethylbenzene	11.727	91	1034426	21.061	ug/L	100
53) m,p-Xylene	11.837	106	373793	20.615	ug/L	100
54) o-Xylene	12.166	106	357069	21.120	ug/L	96
55) Styrene	12.178	104	636415	22.205	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	217725	23.708	ug/L	92
59) Bromoform	12.349	173	107931	24.511	ug/L	98
60) Isopropylbenzene	12.458	105	1000680	20.501	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	162952	23.576	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	813162	21.188	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	752423	21.704	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	420090	20.394	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	425098	20.354	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	387152	21.303	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	38638	24.417	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	281021	20.969	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	240103	20.982	ug/L	99
71) Naphthalene	15.360	128	504311	24.674	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224013	22.179	ug/L	96

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

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