

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025597.D
 Acq On : 20 Apr 2023 11:41
 Operator : SY/MD
 Sample : 02418-10REMS
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z5REMS

Quant Time: Apr 21 01:48:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	734572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	454380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	258667	21.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
7) Chloroethane-d5	2.899	69	207957	24.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.027	63	523662	21.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	7.075	46	180818	67.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.620%#
24) Chloroform-d	7.648	84	521076	25.264	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.040%
26) 1,2-Dichloroethane-d4	8.307	65	282913	26.366	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.480%
32) Benzene-d6	8.276	84	988817	33.608	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.440%
36) 1,2-Dichloropropane-d6	9.270	67	325920	35.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.120%#
41) Toluene-d8	10.325	98	720108	28.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.080%
43) trans-1,3-Dichloroprop...	10.575	79	103120	29.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.920%
47) 2-Hexanone-d5	10.922	63	115467	92.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	179877	29.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	87093	23.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	226314	22.031	ug/L	94
3) Chloromethane	2.222	50	312108	26.189	ug/L	98
5) Vinyl chloride	2.375	62	321089	24.372	ug/L	95
6) Bromomethane	2.789	94	165379	23.335	ug/L	98
8) Chloroethane	2.936	64	189064	25.623	ug/L	98
9) Trichlorofluoromethane	3.265	101	239106	23.558	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	208964	20.516	ug/L	99
12) 1,1-Dichloroethene	4.045	96	232126	22.769	ug/L	97
13) Acetone	4.118	43	215061	95.289	ug/L	99
14) Carbon disulfide	4.393	76	653429	18.167	ug/L	100
15) Methyl Acetate	4.667	43	122184	24.097	ug/L	98
16) Methylene chloride	4.917	84	289535	24.797	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	239012	22.051	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	438805	29.335	ug/L	99
19) 1,1-Dichloroethane	6.222	63	548699	25.338	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	268811	23.836	ug/L #	100
22) 2-Butanone	7.167	43	233966	72.922	ug/L	97
23) Bromochloromethane	7.514	128	116701	25.234	ug/L	99
25) Chloroform	7.679	83	489131	24.699	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	335397	25.239	ug/L	98
29) Cyclohexane	7.959	56	290652	19.763	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	373719	33.102	ug/L	99
31) Carbon tetrachloride	8.069	117	294933	28.927	ug/L	99
33) Benzene	8.325	78	1044100	33.013	ug/L	100
34) Trichloroethene	9.093	95	226150	27.491	ug/L	97
35) Methylcyclohexane	9.337	83	201165	13.542	ug/L	99
37) 1,2-Dichloropropane	9.368	63	290626	34.795	ug/L	100
38) Bromodichloromethane	9.642	83	317739	33.248	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	375780	31.364	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	410684	86.866	ug/L	100
42) Toluene	10.386	91	877048	27.233	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	291333	29.488	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	176736	33.185	ug/L	98
46) Tetrachloroethene	10.861	164	112628	19.466	ug/L	96
48) 2-Hexanone	10.965	43	291745	89.312	ug/L	98
49) Dibromochloromethane	11.129	129	164125	29.269	ug/L	97
50) 1,2-Dibromoethane	11.233	107	145931	29.822	ug/L	96
51) Chlorobenzene	11.654	112	435284	21.934	ug/L	98
52) Ethylbenzene	11.727	91	755494	20.730	ug/L	97
53) m,p-Xylene	11.837	106	266542	19.944	ug/L	97
54) o-Xylene	12.166	106	257409	20.588	ug/L	95
55) Styrene	12.178	104	429338	20.402	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	163822	25.680	ug/L	99
59) Bromoform	12.349	173	75735	51.338	ug/L	96
60) Isopropylbenzene	12.465	105	583007	34.571	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	132022	59.169	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	382867	28.760	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	365568	28.518	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	157724	22.569	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	157882	22.121	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	138502	22.606	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	21044	42.994	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	55488	11.859	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	35085	9.231	ug/L	94
71) Naphthalene	15.360	128	91334	12.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	26955	8.111	ug/L	96

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

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