

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025598.D
 Acq On : 20 Apr 2023 12:05
 Operator : SY/MD
 Sample : 02418-11REMSD
 Misc : 4.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z5REMSD

Quant Time: Apr 21 01:48:48 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	704878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	438196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102310	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	246396	21.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.899	69	199370	24.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	4.027	63	522416	22.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.075	46	143938	56.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.500%
24) Chloroform-d	7.648	84	516273	26.086	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.307	65	268865	26.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.440%
32) Benzene-d6	8.270	84	967531	34.100	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.400%#
36) 1,2-Dichloropropane-d6	9.276	67	317201	35.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.400%#
41) Toluene-d8	10.319	98	717383	28.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.760%
43) trans-1,3-Dichloroprop...	10.575	79	94404	28.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.840%
47) 2-Hexanone-d5	10.922	63	93489	77.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170009	28.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	85342	24.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	225988	22.926	ug/L	94
3) Chloromethane	2.222	50	322129	28.168	ug/L	100
5) Vinyl chloride	2.375	62	324899	25.700	ug/L	98
6) Bromomethane	2.789	94	155304	22.837	ug/L	97
8) Chloroethane	2.936	64	193061	27.267	ug/L	99
9) Trichlorofluoromethane	3.265	101	254728	26.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	213766	21.872	ug/L	100
12) 1,1-Dichloroethene	4.045	96	240219	24.555	ug/L	94
13) Acetone	4.118	43	156906	72.450	ug/L	99
14) Carbon disulfide	4.393	76	643737	18.651	ug/L	100
15) Methyl Acetate	4.667	43	109035	22.409	ug/L	98
16) Methylene chloride	4.917	84	292004	26.062	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	241503	23.220	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	448078	31.217	ug/L	99
19) 1,1-Dichloroethane	6.216	63	578402	27.834	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	272293	25.162	ug/L #	98
22) 2-Butanone	7.167	43	223751	72.676	ug/L	96
23) Bromochloromethane	7.514	128	116614	26.277	ug/L	98
25) Chloroform	7.679	83	510347	26.856	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	342255	26.840	ug/L	98
29) Cyclohexane	7.959	56	298067	21.016	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	389782	35.799	ug/L	100
31) Carbon tetrachloride	8.063	117	305897	31.110	ug/L	98
33) Benzene	8.325	78	1087473	35.655	ug/L	100
34) Trichloroethene	9.087	95	234391	29.545	ug/L	99
35) Methylcyclohexane	9.331	83	195445	13.643	ug/L	100
37) 1,2-Dichloropropane	9.367	63	299057	37.127	ug/L	99
38) Bromodichloromethane	9.642	83	326247	35.399	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	358211	31.002	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	385537	84.559	ug/L	99
42) Toluene	10.386	91	919552	29.608	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277194	29.093	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	177466	34.552	ug/L	97
46) Tetrachloroethene	10.861	164	120166	21.536	ug/L	91
48) 2-Hexanone	10.965	43	269502	85.550	ug/L	98
49) Dibromochloromethane	11.123	129	169751	31.391	ug/L	100
50) 1,2-Dibromoethane	11.233	107	144759	30.675	ug/L	96
51) Chlorobenzene	11.654	112	449255	23.474	ug/L	97
52) Ethylbenzene	11.727	91	793642	22.582	ug/L	97
53) m,p-Xylene	11.837	106	280227	21.742	ug/L	98
54) o-Xylene	12.166	106	272920	22.635	ug/L	96
55) Styrene	12.178	104	438668	21.615	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	164943	26.811	ug/L	96
59) Bromoform	12.349	173	76800	54.781	ug/L	98
60) Isopropylbenzene	12.458	105	591682	36.919	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	131692	62.106	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378143	29.889	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	356944	29.301	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162657	24.491	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	161017	23.739	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	139017	23.876	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	20510	44.093	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	52232	11.747	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	33442	9.258	ug/L	96
71) Naphthalene	15.360	128	83727	12.422	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	27354	8.661	ug/L	99

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

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