

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026073.D
 Acq On : 26 May 2023 17:08
 Operator : SY/MD
 Sample : 02950-14MSD
 Misc : 4.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MSD

Quant Time: May 26 23:19:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 23:14:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	654603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	476700	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171731	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	179629	19.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.893	69	170711	24.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.021	65	86072	18.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.069	46	191538	62.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.920%
24) Chloroform-d	7.648	84	475363	25.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.301	65	263364	24.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	8.270	84	843373	27.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.276	67	301112	30.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.840%#
41) Toluene-d8	10.318	98	661757	23.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.575	79	91514	22.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.922	63	126881	74.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.320%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240659	31.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.720%#
66) 1,2-Dichlorobenzene-d4	13.854	152	159610	25.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	166250	22.733	ug/L #	85
3) Chloromethane	2.222	50	295792	27.431	ug/L	98
5) Vinyl chloride	2.375	62	307355	27.538	ug/L	99
6) Bromomethane	2.783	94	160671	26.468	ug/L	96
8) Chloroethane	2.930	64	193167	30.437	ug/L	99
9) Trichlorofluoromethane	3.265	101	204076	24.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	260128	28.396	ug/L	96
12) 1,1-Dichloroethene	4.045	96	217851	24.884	ug/L	95
13) Acetone	4.112	43	194369	71.481	ug/L	99
14) Carbon disulfide	4.393	76	647887	21.883	ug/L	99
15) Methyl Acetate	4.667	43	151644	28.300	ug/L	100
16) Methylene chloride	4.923	84	324618	24.046	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	236996	24.815	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	512961	35.388	ug/L	99
19) 1,1-Dichloroethane	6.216	63	548706	27.963	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	278215	27.152	ug/L	99
22) 2-Butanone	7.167	43	223438	59.510	ug/L	98
23) Bromochloromethane	7.514	128	119035	27.422	ug/L	95
25) Chloroform	7.673	83	514121	28.507	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	359474	28.066	ug/L	99
29) Cyclohexane	7.953	56	434938	29.442	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	415096	35.606	ug/L	99
31) Carbon tetrachloride	8.069	117	332897	31.730	ug/L	100
33) Benzene	8.325	78	1061469	32.185	ug/L	100
34) Trichloroethene	9.093	95	233305	27.568	ug/L	97
35) Methylcyclohexane	9.337	83	390804	25.963	ug/L	99
37) 1,2-Dichloropropane	9.367	63	306257	33.894	ug/L	100
38) Bromodichloromethane	9.642	83	344405	33.223	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	377067	28.456	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	433256	73.664	ug/L	99
42) Toluene	10.386	91	982727	29.162	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	301558	27.465	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	193899	32.079	ug/L	97
46) Tetrachloroethene	10.861	164	146681	24.636	ug/L	94
48) 2-Hexanone	10.965	43	301193	71.484	ug/L	98
49) Dibromochloromethane	11.129	129	192009	30.684	ug/L	98
50) 1,2-Dibromoethane	11.233	107	159976	28.710	ug/L	98
51) Chlorobenzene	11.654	112	533100	25.536	ug/L	97
52) Ethylbenzene	11.727	91	1031989	27.224	ug/L	100
53) m,p-Xylene	11.837	106	378717	27.145	ug/L	95
54) o-Xylene	12.166	106	389955	29.654	ug/L	99
55) Styrene	12.178	104	564755	25.092	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	235656	31.246	ug/L	97
59) Bromoform	12.349	173	95167	37.413	ug/L	99
60) Isopropylbenzene	12.458	105	1053711	40.366	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	177625	43.765	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	833554	40.316	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	726765	38.092	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	284523	25.320	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	272777	24.027	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	294934	29.430	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	36571	38.858	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	158892	21.301	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	103750	16.602	ug/L	99
71) Naphthalene	15.360	128	315084	26.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106196	19.153	ug/L	99

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

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