

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026316.D
 Acq On : 23 Jun 2023 12:23
 Operator : SY/MD
 Sample : 03382-07MSD
 Misc : 5.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW43MSD

Quant Time: Jun 23 23:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	743804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	634088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167395	15.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
7) Chloroethane-d5	2.899	69	166413	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	4.021	65	86911	16.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.360%
21) 2-Butanone-d5	7.075	46	183565	60.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.520%
24) Chloroform-d	7.648	84	471264	21.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.307	65	256688	21.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	8.276	84	847889	19.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.480%
36) 1,2-Dichloropropane-d6	9.276	67	299024	22.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.480%
41) Toluene-d8	10.325	98	712131	18.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.280%
43) trans-1,3-Dichloroprop...	10.575	79	102804	19.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.760%
47) 2-Hexanone-d5	10.922	63	122603	57.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	261248	26.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	224166	19.380	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	170163	18.662	ug/L	93
3) Chloromethane	2.223	50	244050	20.874	ug/L	98
5) Vinyl chloride	2.375	62	266801	21.349	ug/L	97
6) Bromomethane	2.790	94	146112	21.447	ug/L	98
8) Chloroethane	2.936	64	163490	24.209	ug/L	94
9) Trichlorofluoromethane	3.265	101	211593	26.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	220875	21.772	ug/L	99
12) 1,1-Dichloroethene	4.045	96	220179	23.250	ug/L #	78
13) Acetone	4.119	43	152672	64.768	ug/L	99
14) Carbon disulfide	4.393	76	568082	16.993	ug/L	99
15) Methyl Acetate	4.667	43	123165	23.281	ug/L	99
16) Methylene chloride	4.917	84	269621	22.711	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	210663	19.827	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	365113	21.803	ug/L	99
19) 1,1-Dichloroethane	6.216	63	476631	22.034	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	241693	21.475	ug/L	96
22) 2-Butanone	7.167	43	186390	55.432	ug/L	99
23) Bromochloromethane	7.514	128	101282	21.101	ug/L	96
25) Chloroform	7.679	83	447237	22.198	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	307498	22.129	ug/L	97
29) Cyclohexane	7.959	56	402365	20.554	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	367011	23.851	ug/L	99
31) Carbon tetrachloride	8.069	117	311415	22.178	ug/L	97
33) Benzene	8.325	78	958062	22.056	ug/L	100
34) Trichloroethene	9.093	95	238837	21.473	ug/L	97
35) Methylcyclohexane	9.337	83	396409	20.141	ug/L	99
37) 1,2-Dichloropropane	9.368	63	269657	22.920	ug/L	99
38) Bromodichloromethane	9.648	83	313528	22.938	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	379906	21.973	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	360977	52.041	ug/L	99
42) Toluene	10.386	91	983866	22.145	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320237	22.233	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	184392	23.780	ug/L	95
46) Tetrachloroethene	10.861	164	155890	19.815	ug/L	96
48) 2-Hexanone	10.965	43	271671	55.548	ug/L	100
49) Dibromochloromethane	11.130	129	185702	22.843	ug/L	93
50) 1,2-Dibromoethane	11.233	107	158610	22.092	ug/L	94
51) Chlorobenzene	11.654	112	588016	21.121	ug/L	99
52) Ethylbenzene	11.727	91	1107298	22.094	ug/L	100
53) m,p-Xylene	11.837	106	404014	21.669	ug/L	98
54) o-Xylene	12.166	106	379047	21.540	ug/L	99
55) Styrene	12.178	104	651227	21.571	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	225447	24.025	ug/L	99
59) Bromoform	12.349	173	101204	22.296	ug/L	98
60) Isopropylbenzene	12.465	105	1058126	22.289	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163108	24.095	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	837949	22.203	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	754171	21.818	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	403393	20.209	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	404417	20.124	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	365731	20.404	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34319	21.882	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	237096	17.291	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	181501	16.042	ug/L	91
71) Naphthalene	15.360	128	356582	17.683	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	152278	15.400	ug/L	96

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

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