

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026686.D
 Acq On : 10 Aug 2023 18:55
 Operator : SY/MD
 Sample : 03968-03MSD
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H4MSD

Quant Time: Aug 11 02:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	731491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	668425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	255205	21.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
7) Chloroethane-d5	2.893	69	194356	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	4.027	65	122144	20.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	7.075	46	137259	39.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.420%
24) Chloroform-d	7.642	84	557989	22.728	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.920%
26) 1,2-Dichloroethane-d4	8.307	65	329220	24.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.270	84	1122757	24.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.270	67	357738	24.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.325	98	969356	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	10.575	79	130197	21.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.922	63	60974	40.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	297923	26.290	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	243416	22.261	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	214462	21.564	ug/L	94
3) Chloromethane	2.229	50	251178	18.470	ug/L	99
5) Vinyl chloride	2.375	62	257492	19.806	ug/L	98
6) Bromomethane	2.783	94	118365	15.627	ug/L	95
8) Chloroethane	2.930	64	147774	18.970	ug/L	96
9) Trichlorofluoromethane	3.265	101	204001	19.121	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	206995	17.961	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	207965	19.235	ug/L	97
13) Acetone	4.125	43	107200	31.195	ug/L	98
14) Carbon disulfide	4.393	76	677988	17.430	ug/L	99
15) Methyl Acetate	4.667	43	121249	17.614	ug/L	99
16) Methylene chloride	4.917	84	243466	17.206	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	236616	19.612	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	422688	23.154	ug/L	99
19) 1,1-Dichloroethane	6.216	63	498871	20.090	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	261299	20.149	ug/L	96
22) 2-Butanone	7.173	43	203132	40.110	ug/L	97
23) Bromochloromethane	7.508	128	115304	20.583	ug/L	95
25) Chloroform	7.679	83	465642	19.410	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	349042	20.856	ug/L	99
29) Cyclohexane	7.959	56	393785	19.050	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	358099	20.528	ug/L	100
31) Carbon tetrachloride	8.069	117	320408	20.088	ug/L	95
33) Benzene	8.325	78	1042643	21.420	ug/L	100
34) Trichloroethene	9.093	95	250233	20.184	ug/L	96
35) Methylcyclohexane	9.331	83	349750	16.491	ug/L	99
37) 1,2-Dichloropropane	9.367	63	290307	21.774	ug/L	99
38) Bromodichloromethane	9.642	83	333600	21.329	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	355748	18.547	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	381601	44.000	ug/L	99
42) Toluene	10.386	91	1042854	21.179	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	326591	19.782	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	206084	22.601	ug/L	97
46) Tetrachloroethene	10.855	164	161785	17.963	ug/L	92
48) 2-Hexanone	10.965	43	229874	38.953	ug/L	99
49) Dibromochloromethane	11.123	129	212214	22.252	ug/L	97
50) 1,2-Dibromoethane	11.233	107	187449	21.909	ug/L	95
51) Chlorobenzene	11.654	112	615395	19.785	ug/L	98
52) Ethylbenzene	11.727	91	1082812	19.609	ug/L	99
53) m,p-Xylene	11.837	106	400543	19.580	ug/L	94
54) o-Xylene	12.160	106	389934	20.424	ug/L	95
55) Styrene	12.178	104	613812	18.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	256787	22.236	ug/L	98
59) Bromoform	12.349	173	119229	24.914	ug/L	96
60) Isopropylbenzene	12.458	105	981654	21.613	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	198376	26.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	765474	21.322	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	754185	21.438	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	397225	20.109	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	395367	19.179	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	346878	19.311	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	43162	24.160	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	182762	13.695	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	141523	12.508	ug/L	91
71) Naphthalene	15.360	128	373683	17.313	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	130271	12.765	ug/L	97

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

