

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027628.D
 Acq On : 14 Dec 2023 14:28
 Operator : SY/MD
 Sample : 05799-13
 Misc : 3.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGR30

Quant Time: Dec 15 03:32:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 03:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	26	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.635	117	633	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	1129	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	524	1001.504	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	= 4006.000%#		
7) Chloroethane-d5	2.899	69	107	282.106	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 1128.440%#		
11) 1,1-Dichloroethene-d2	4.027	65	169	763.355	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 3053.440%#		
21) 2-Butanone-d5	7.179	46	76	554.334	ug/L	0.10
Spiked Amount	50.000	Range 20 - 135	Recovery	= 1108.660%#		
24) Chloroform-d	7.661	84	114	146.893	ug/L	0.01
Spiked Amount	25.000	Range 40 - 150	Recovery	= 587.560%#		
26) 1,2-Dichloroethane-d4	8.301	65	85	214.178	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 856.720%#		
32) Benzene-d6	8.307	84	298	6.684	ug/L	0.03
Spiked Amount	25.000	Range 20 - 135	Recovery	= 26.720%		
36) 1,2-Dichloropropane-d6	9.282	67	113	8.598	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 34.400%#		
41) Toluene-d8	10.337	98	339	8.691	ug/L	0.01
Spiked Amount	25.000	Range 30 - 130	Recovery	= 34.760%		
43) trans-1,3-Dichloroprop...	10.593	79	73	14.363	ug/L	0.01
Spiked Amount	25.000	Range 30 - 135	Recovery	= 57.440%		
47) 2-Hexanone-d5	10.989	63	72	29.401	ug/L	0.07
Spiked Amount	50.000	Range 20 - 135	Recovery	= 58.800%		
56) 1,1,2,2-Tetrachloroeth...	12.696	84	378	34.965	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 139.880%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	884	22.337	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 89.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.222	85	531	1525.312	ug/L	99
3) Chloromethane	2.162	50	202	473.775	ug/L	100
5) Vinyl chloride	2.210	62	307	617.281	ug/L	85
6) Bromomethane	2.802	94	315	1206.875	ug/L	73
8) Chloroethane	3.039	64	481	1693.324	ug/L	86
9) Trichlorofluoromethane	3.265	101	205	430.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	132	324.984	ug/L #	25
12) 1,1-Dichloroethene	4.100	96	40	107.860	ug/L	80
13) Acetone	4.186	43	159	1203.013	ug/L	82
14) Carbon disulfide	4.405	76	172	153.474	ug/L #	1
15) Methyl Acetate	4.679	43	124	536.819	ug/L #	23
16) Methylene chloride	4.996	84	201	474.077	ug/L	91
17) trans-1,2-Dichloroethene	5.234	96	173	452.411	ug/L	77
18) Methyl tert-butyl Ether	5.429	73	131	212.385	ug/L #	52
19) 1,1-Dichloroethane	6.240	63	127	163.312	ug/L #	77
20) cis-1,2-Dichloroethene	7.173	96	78	189.935	ug/L	95
22) 2-Butanone	7.173	43	202	1184.678	ug/L	99
23) Bromochloromethane	7.404	128	76	470.521	ug/L #	1
25) Chloroform	7.624	83	53	75.060	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.380	62	68	149.004	ug/L #	75
29) Cyclohexane	7.965	56	226	10.860	ug/L #	29
30) 1,1,1-Trichloroethane	7.874	97	24	1.359	ug/L #	1
31) Carbon tetrachloride	8.099	117	19	1.234	ug/L #	1
33) Benzene	8.319	78	92	2.106	ug/L	100
34) Trichloroethene	9.093	95	55	4.609	ug/L #	8
35) Methylcyclohexane	9.361	83	59	2.777	ug/L #	1
37) 1,2-Dichloropropane	9.392	63	113	9.796	ug/L #	1
38) Bromodichloromethane	9.642	83	21	1.575	ug/L #	37
39) cis-1,3-Dichloropropene	10.056	75	79	4.744	ug/L #	1
40) 4-Methyl-2-pentanone	10.203	43	148	18.982	ug/L #	1
42) Toluene	10.398	91	196	4.242	ug/L #	70
44) trans-1,3-Dichloropropene	10.599	75	19	1.414	ug/L #	26
45) 1,1,2-Trichloroethane	10.794	97	112	13.942	ug/L #	48
46) Tetrachloroethene	10.587	164	37	4.349	ug/L #	2
48) 2-Hexanone	10.989	43	329	59.872	ug/L #	66
49) Dibromochloromethane	11.148	129	23	2.896	ug/L	78
50) 1,2-Dibromoethane	11.227	107	48	6.531	ug/L #	6
51) Chlorobenzene	11.672	112	50	1.794	ug/L #	1
52) Ethylbenzene	11.727	91	93	1.772	ug/L #	47
53) m,p-Xylene	11.843	106	74	3.826	ug/L #	51
54) o-Xylene	12.123	106	52	2.958	ug/L #	1
55) Styrene	12.172	104	25	0.833	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.702	83	57	5.450	ug/L #	28
59) Bromoform	12.556	173	40	2.530	ug/L #	1
61) 1,2,3-Trichloropropane	12.769	75	541	19.867	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.769	105	379	2.749	ug/L	86
63) 1,2,4-Trimethylbenzene	13.653	105	144	1.049	ug/L	87
65) 1,4-Dichlorobenzene	13.586	146	71	0.997	ug/L #	33
69) 1,3,5-Trichlorobenzene	14.556	180	43	0.896	ug/L #	3
71) Naphthalene	15.360	128	414	5.279	ug/L #	83

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

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