

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027191.D
 Acq On : 27 Sep 2023 12:30
 Operator : SY/MD
 Sample : VIBLK519
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK519

Quant Time: Sep 27 23:26:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.831	114	246	25.000	ug/L	#-0.01
28) Chlorobenzene-d5	11.635	117	1327	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	2402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.302	65	156	40.361	ug/L	-0.07
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.440%#	
7) Chloroethane-d5	2.887	69	116	37.974	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 151.880%#	
11) 1,1-Dichloroethene-d2	4.027	65	52	32.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 129.520%#	
21) 2-Butanone-d5	7.124	46	1919	2401.703	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	= 4803.400%#	
24) Chloroform-d	7.654	84	407	56.530	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 226.120%#	
26) 1,2-Dichloroethane-d4	8.307	65	584	169.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 677.040%#	
32) Benzene-d6	8.282	84	1331	16.366	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 65.480%	
36) 1,2-Dichloropropane-d6	9.276	67	377	15.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 61.920%#	
41) Toluene-d8	10.319	98	2028	28.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.040%	
43) trans-1,3-Dichloroprop...	10.581	79	375	39.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 157.000%#	
47) 2-Hexanone-d5	10.928	63	402	107.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 215.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1790	96.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 384.240%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	7787	96.689	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 386.760%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.113	85	269	84.155	ug/L	93
3) Chloromethane	2.412	50	130	30.130	ug/L	83
5) Vinyl chloride	2.527	62	82	17.407	ug/L	84
6) Bromomethane	2.783	94	180	57.997	ug/L	88
8) Chloroethane	3.046	64	81	28.331	ug/L	92
9) Trichlorofluoromethane	3.253	101	46	11.618	ug/L #	25
12) 1,1-Dichloroethene	4.039	96	39	10.248	ug/L #	22
13) Acetone	4.125	43	43999	44563.032	ug/L	98
14) Carbon disulfide	4.381	76	1514	118.526	ug/L #	76
15) Methyl Acetate	4.667	43	149	90.037	ug/L #	85
16) Methylene chloride	4.923	84	32157	6677.634	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	235	57.389	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	177	34.541	ug/L #	73
19) 1,1-Dichloroethane	6.222	63	225	29.464	ug/L #	88
20) cis-1,2-Dichloroethene	7.179	96	172	39.405	ug/L #	14
22) 2-Butanone	7.234	43	290	237.489	ug/L	88
23) Bromochloromethane	7.520	128	167	83.846	ug/L #	69
25) Chloroform	7.685	83	198	26.584	ug/L #	49
27) 1,2-Dichloroethane	8.410	62	668	146.408	ug/L #	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	227	6.430	ug/L #	79
30) 1,1,1-Trichloroethane	7.874	97	181	5.487	ug/L #	43
31) Carbon tetrachloride	8.069	117	308	9.885	ug/L	97
33) Benzene	8.325	78	1565	16.686	ug/L	100
34) Trichloroethene	9.093	95	679	27.723	ug/L #	73
35) Methylcyclohexane	9.337	83	614	14.905	ug/L #	63
37) 1,2-Dichloropropane	9.374	63	404	16.717	ug/L #	86
38) Bromodichloromethane	9.648	83	312	10.749	ug/L #	66
39) cis-1,3-Dichloropropene	10.069	75	401	11.261	ug/L	89
40) 4-Methyl-2-pentanone	10.215	43	3132	267.137	ug/L #	95
42) Toluene	10.398	91	2560	26.578	ug/L	92
44) trans-1,3-Dichloropropene	10.611	75	1442	49.411	ug/L #	69
45) 1,1,2-Trichloroethane	10.788	97	666	38.081	ug/L	83
46) Tetrachloroethene	10.861	164	789	40.980	ug/L #	57
48) 2-Hexanone	10.965	43	632	68.760	ug/L #	38
49) Dibromochloromethane	11.129	129	910	47.978	ug/L	89
50) 1,2-Dibromoethane	11.239	107	1038	63.960	ug/L #	35
51) Chlorobenzene	11.654	112	3374	52.787	ug/L #	88
52) Ethylbenzene	11.733	91	4036	37.299	ug/L	94
53) m,p-Xylene	11.843	106	2112	50.902	ug/L	64
54) o-Xylene	12.166	106	2112	54.490	ug/L	99
55) Styrene	12.184	104	4284	64.209	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.715	83	2272	108.306	ug/L #	82
59) Bromoform	12.343	173	851	22.436	ug/L #	91
60) Isopropylbenzene	12.458	105	8930	25.247	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	2079	42.276	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	14095	50.827	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	15226	56.028	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	10878	66.635	ug/L	93
65) 1,4-Dichlorobenzene	13.580	146	10653	64.953	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	15150	105.879	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	14.483	75	2063	195.846	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	42954	408.623	ug/L	89
70) 1,2,4-trichlorobenzene	15.129	180	46669	562.728	ug/L	98
71) Naphthalene	15.360	128	73282	500.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	62248	845.554	ug/L	98

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

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