

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012204.D
 Acq On : 12 Aug 2019 12:56
 Operator : SY/MD
 Sample : IBLK
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK65

Quant Time: Aug 12 13:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 01:34:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	563326	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	531177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	246992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173685	83.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	167.62%#
7) Chloroethane-d5	1.58	69	151173	114.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	228.80%#
11) 1,1-Dichloroethene-d2	2.13	63	247508	63.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	126.36%#
21) 2-Butanone-d5	4.06	46	182	0.18	ug/L	0.14
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.18%#
24) Chloroform-d	4.40	84	358388	83.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	166.48%#
26) 1,2-Dichloroethane-d4	5.08	65	250612	101.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	203.00%#
32) Benzene-d6	5.10	84	805962	97.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	195.72%#
36) 1,2-Dichloropropane-d6	6.12	67	253114	112.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	225.96%#
41) Toluene-d8	7.36	98	716677	91.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	182.72%#
43) trans-1,3-Dichloropropene-	7.66	79	122685	101.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	202.12%#
47) 2-Hexanone-d5	8.13	63	212128	247.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	247.51%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	353098	114.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	229.94%#
64) 1,2-Dichlorobenzene-d4	11.67	152	297878	102.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	204.08%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2408	0.504 ug/L	94
5) Vinyl chloride	1.32	62	2092	0.672 ug/L #	1
6) Bromomethane	1.54	94	1037	0.568 ug/L	86
8) Chloroethane	1.60	64	848	0.520 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4344	1.749 ug/L #	26
12) 1,1-Dichloroethene	2.13	96	3673	1.607 ug/L #	1
13) Acetone	2.19	43	2104	1.414 ug/L	85
14) Carbon disulfide	2.32	76	20766	2.519 ug/L	99
16) Methylene chloride	2.53	84	2076	0.593 ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	3723	1.117 ug/L	85
22) 2-Butanone	3.98	43	16137	7.282 ug/L #	49
25) Chloroform	4.43	83	30910	4.694 ug/L	96
29) Cyclohexane	4.73	56	2678	0.541 ug/L #	80
34) Trichloroethene	5.96	95	2703	0.738 ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	5439	1.311 ug/L #	92
42) Toluene	7.43	91	7512	0.506 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	3354	0.667 ug/L	92

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46) Tetrachloroethene	8.02	164	2741	0.782	ug/L	92
48) 2-Hexanone	8.18	43	15921	5.078	ug/L #	88
51) Chlorobenzene	8.93	112	6578	0.648	ug/L	93
52) Ethylbenzene	9.06	91	8426	0.508	ug/L	97
53) m,p-Xylene	9.18	106	3666	0.561	ug/L	94
55) Styrene	9.60	104	5915	0.546	ug/L	100
56) Isopropylbenzene	9.98	105	8003	0.468	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	2089	0.479	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	10209	1.361	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	13222	1.770	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	9097	1.201	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	1617	1.377	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.69	180	10536	1.784	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	12018	2.452	ug/L	96
69) Naphthalene	13.55	128	42440	3.102	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	14020	2.724	ug/L	97

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

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