

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017223.D
 Acq On : 27 Jun 2020 08:31
 Operator : SY/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Jun 29 00:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	1264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186	289.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	579.34%#
7) Chloroethane-d5	1.58	69	228	591.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	1183.52%#
11) 1,1-Dichloroethene-d2	2.13	63	641	594.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1188.96%#
21) 2-Butanone-d5	4.02	46	86	180.96	ug/L	0.11
Spiked Amount	100.000	Range	40 - 130	Recovery	=	180.96%#
24) Chloroform-d	4.37	84	273	209.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	418.18%#
26) 1,2-Dichloroethane-d4	5.07	65	193	217.32	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	434.64%#
32) Benzene-d6	5.08	84	167	20.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.38%#
36) 1,2-Dichloropropane-d6	6.12	67	40	15.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 120	Recovery	=	31.02%#
41) Toluene-d8	7.34	98	184	24.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.48%#
43) trans-1,3-Dichloropropene-	7.66	79	83	61.80	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.60%
47) 2-Hexanone-d5	8.35	63	51	45.36	ug/L	0.24
Spiked Amount	100.000	Range	45 - 130	Recovery	=	45.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	216	63.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.54%#
64) 1,2-Dichlorobenzene-d4	11.65	152	1047	38.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.62%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.30	85	43	59.601	ug/L # 43
3) Chloromethane	1.31	50	158	239.476	ug/L 90
5) Vinyl chloride	1.44	62	41	63.192	ug/L # 43
6) Bromomethane	1.53	94	275	1017.683	ug/L 94
8) Chloroethane	1.60	64	77	240.256	ug/L # 42
9) Trichlorofluoromethane	1.43	101	42	43.258	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	2.40	101	64	132.281	ug/L # 32
12) 1,1-Dichloroethene	2.17	96	43	95.205	ug/L # 13
13) Acetone	2.19	43	429	1370.027	ug/L 94
14) Carbon disulfide	2.32	76	66	40.360	ug/L # 75
15) Methyl Acetate	2.46	43	108	154.743	ug/L # 53
16) Methylene chloride	2.53	84	831	1253.847	ug/L 77
18) Methyl tert-butyl Ether	2.78	73	43	21.073	ug/L # 1
19) 1,1-Dichloroethane	3.25	63	65	56.075	ug/L # 49
20) cis-1,2-Dichloroethene	3.85	96	42	62.560	ug/L 90
22) 2-Butanone	3.94	43	233	482.526	ug/L 89
25) Chloroform	4.39	83	42	35.256	ug/L # 19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017223.D
 Acq On : 27 Jun 2020 08:31
 Operator : SY/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Jun 29 00:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.19	62	112	112.154	ug/L #	74
29) Cyclohexane	4.70	56	173	48.508	ug/L #	21
30) 1,1,1-Trichloroethane	4.81	97	22	6.011	ug/L #	1
33) Benzene	5.14	78	74	8.715	ug/L	100
34) Trichloroethene	5.96	95	103	45.227	ug/L #	4
37) 1,2-Dichloropropane	6.23	63	44	19.925	ug/L #	86
38) Bromodichloromethane	6.59	83	42	14.287	ug/L #	26
39) cis-1,3-Dichloropropene	7.09	75	128	37.315	ug/L #	18
40) 4-Methyl-2-pentanone	7.25	43	78	24.927	ug/L #	45
42) Toluene	7.41	91	42	4.692	ug/L #	22
44) trans-1,3-Dichloropropene	7.67	75	41	12.294	ug/L #	44
46) Tetrachloroethene	8.08	164	42	23.449	ug/L #	1
48) 2-Hexanone	8.14	43	150	61.824	ug/L #	38
51) Chlorobenzene	9.03	112	45	7.705	ug/L #	28
52) Ethylbenzene	9.16	91	75	7.564	ug/L #	45
55) Styrene	9.61	104	40	6.498	ug/L #	30
56) Isopropylbenzene	9.96	105	47	4.804	ug/L #	1
59) 1,2,3-Trichloropropane	10.26	75	42	15.329	ug/L #	1
62) 1,3-Dichlorobenzene	11.47	146	41	1.024	ug/L #	25
63) 1,4-Dichlorobenzene	11.47	146	41	1.007	ug/L #	26
65) 1,2-Dichlorobenzene	11.47	146	41	1.022	ug/L #	25
69) Naphthalene	13.72	128	102	1.295	ug/L #	43

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

