

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054454.D
 Acq On : 19 Mar 2019 21:34
 Operator : JC/SP
 Sample : K1960-14MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MSD

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:08 PM

Quant Time: Mar 20 05:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1347219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2022610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1754898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	792404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	654045	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.59	113	672116	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	2434315	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	829889	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	588784	46.113	ug/l	99
3) Chloromethane	2.06	50	567853	45.785	ug/l	100
4) Vinyl Chloride	2.19	62	606725	42.800	ug/l	100
5) Bromomethane	2.57	94	396698	40.405	ug/l	98
6) Chloroethane	2.71	64	352056	41.046	ug/l	100
7) Trichlorofluoromethane	3.02	101	753624	39.986	ug/l	100
8) Diethyl Ether	3.41	74	387903	45.164	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	615438	43.575	ug/l	98
10) Methyl Iodide	3.94	142	981100	48.947	ug/l	99
11) Tert butyl alcohol	4.82	59	228116	232.572	ug/l	97
12) 1,1-Dichloroethene	3.73	96	607303	43.391	ug/l	98
13) Acrolein	3.61	56	180395	194.092	ug/l	99
14) Allyl chloride	4.32	41	870535	48.477	ug/l	92
15) Acrylonitrile	4.99	53	1109589	275.400	ug/l	98
16) Acetone	3.82	43	677065	165.276	ug/l	98
17) Carbon Disulfide	4.04	76	1487186	42.387	ug/l	99
18) Methyl Acetate	4.33	43	683040	82.412	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1846064	53.213	ug/l	100
20) Methylene Chloride	4.54	84	711917	52.926	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	674406	50.291	ug/l	98
22) Diisopropyl ether	5.96	45	1893420	52.830	ug/l	94
23) Vinyl Acetate	5.90	43	5945371	224.990	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1198343	52.074	ug/l	99
25) 2-Butanone	6.84	43	1187278	246.932	ug/l	97
26) 2,2-Dichloropropane	6.82	77	771793	38.138	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	796752	53.257	ug/l	95
28) Bromochloromethane	7.19	49	476087	50.606	ug/l	95
29) Tetrahydrofuran	7.22	42	779101	252.019	ug/l	95
30) Chloroform	7.37	83	1221638	50.874	ug/l	99
31) Cyclohexane	7.65	56	1012806	47.002	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1038301	47.877	ug/l	99
36) 1,1-Dichloropropene	7.79	75	916402	49.199	ug/l	99
37) Ethyl Acetate	6.94	43	491088	45.885	ug/l	97
38) Carbon Tetrachloride	7.77	117	903712	46.265	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054454.D
 Acq On : 19 Mar 2019 21:34
 Operator : JC/SP
 Sample : K1960-14MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519MSD

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 12:22:08 PM

Quant Time: Mar 20 05:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1002950	43.763	ug/l	97
40) Benzene	8.04	78	2828409	53.064	ug/l	99
41) Methacrylonitrile	7.18	41	319158	52.228	ug/l	94
42) 1,2-Dichloroethane	8.12	62	833045	46.292	ug/l	95
43) Isopropyl Acetate	8.17	43	877863	46.730	ug/l	95
44) Trichloroethene	8.83	130	824129	49.772	ug/l	100
45) 1,2-Dichloropropane	9.12	63	725101	54.785	ug/l	98
46) Dibromomethane	9.21	93	446204	49.897	ug/l	99
47) Bromodichloromethane	9.40	83	902936	50.366	ug/l	99
48) Methyl methacrylate	9.20	41	476378	49.968	ug/l	89
49) 1,4-Dioxane	9.20	88	147360	1092.761	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2644015	265.953	ug/l	94
52) Toluene	10.16	92	1782061	52.729	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	872266	42.836	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1055865	50.541	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	662196	53.660	ug/l	98
56) Ethyl methacrylate	10.43	69	824392	56.026	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	1075871	53.318	ug/l	100
59) 2-Hexanone	10.75	43	1655483	250.256	ug/l	92
60) Dibromochloromethane	10.90	129	713333	51.356	ug/l	99
61) 1,2-Dibromoethane	11.01	107	658372	52.499	ug/l	100
64) Tetrachloroethene	10.63	164	724871	42.722	ug/l	98
65) Chlorobenzene	11.43	112	2044172	53.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	745124	53.231	ug/l	99
67) Ethyl Benzene	11.51	91	3264750	51.112	ug/l	99
68) m/p-Xylenes	11.62	106	2583602	103.488	ug/l	97
69) o-Xylene	11.95	106	1289974	53.005	ug/l	96
70) Styrene	11.96	104	2036878	53.366	ug/l	99
71) Bromoform	12.13	173	472323	44.534	ug/l	99
73) Isopropylbenzene	12.25	105	3271155	51.598	ug/l	100
74) N-amyl acetate	12.07	43	765287	54.383	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	776011	57.452	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	610508m	52.392	ug/l	
77) Bromobenzene	12.53	156	898719	53.572	ug/l	97
78) n-propylbenzene	12.59	91	3440330	50.012	ug/l	99
79) 2-Chlorotoluene	12.67	91	2117917	51.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2610927	49.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	150913	44.272	ug/l	98
82) 4-Chlorotoluene	12.77	91	2112817	51.157	ug/l	99
83) tert-Butylbenzene	12.99	119	2330999	48.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2645319	51.133	ug/l	99
85) sec-Butylbenzene	13.17	105	2912693	46.272	ug/l	99
86) p-Isopropyltoluene	13.29	119	2576161	46.650	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1464503	51.808	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1436695	51.737	ug/l	99
89) n-Butylbenzene	13.62	91	1914730	45.633	ug/l	99
90) Hexachloroethane	13.87	117	407961	44.615	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1459528	52.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	105789	50.613	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	762611	45.926	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054454.D
Acq On : 19 Mar 2019 21:34
Operator : JC/SP
Sample : K1960-14MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-3-8.0-031519MSD

Manual Integrations
APPROVED

MMDadoda
3/20/2019 12:22:08 PM

Quant Time: Mar 20 05:10:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	386362	36.706	ug/l	99
95) Naphthalene	15.13	128	1801006	51.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	752866	51.275	ug/l	98

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

