

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059201.D
 Acq On : 12 Nov 2019 19:10
 Operator : JC/SP
 Sample : K5769-11MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:26 PM

Quant Time: Nov 13 07:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	411041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	592565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	253588	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.57	113	199090	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.08	98	758061	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	277322	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	192536	46.490	ug/l	97
3) Chloromethane	2.04	50	257861	45.805	ug/l	98
4) Vinyl Chloride	2.17	62	265275	48.603	ug/l	100
5) Bromomethane	2.53	94	152693	48.615	ug/l	99
6) Chloroethane	2.68	64	161982	50.170	ug/l	100
7) Trichlorofluoromethane	3.00	101	330362	50.604	ug/l	99
8) Diethyl Ether	3.38	74	130354	49.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	195782	49.739	ug/l	99
10) Methyl Iodide	3.93	142	247470	50.792	ug/l	99
11) Tert butyl alcohol	4.75	59	243900	253.285	ug/l	100
12) 1,1-Dichloroethene	3.71	96	186852	48.731	ug/l	97
13) Acrolein	3.58	56	149740	301.607	ug/l	99
14) Allyl chloride	4.29	41	381180m	48.396	ug/l	
15) Acrylonitrile	4.95	53	643986	268.726	ug/l	100
16) Acetone	3.79	43	542586	206.500	ug/l	100
17) Carbon Disulfide	4.03	76	520696	43.746	ug/l	100
18) Methyl Acetate	4.29	43	320705	51.422	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	692683	52.471	ug/l	100
20) Methylene Chloride	4.52	84	228884	50.001	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	203189	49.368	ug/l	99
22) Diisopropyl ether	5.92	45	776190	52.173	ug/l	98
23) Vinyl Acetate	5.86	43	3117411	270.372	ug/l	99
24) 1,1-Dichloroethane	5.82	63	421691	50.749	ug/l	99
25) 2-Butanone	6.81	43	859682	248.253	ug/l	99
26) 2,2-Dichloropropane	6.80	77	326856	44.986	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	243499	50.994	ug/l	99
28) Bromochloromethane	7.17	49	126142	50.459	ug/l	100
29) Tetrahydrofuran	7.18	42	582186	264.589	ug/l	99
30) Chloroform	7.35	83	409157	51.331	ug/l	99
31) Cyclohexane	7.63	56	366977	46.652	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	350258	52.265	ug/l	99
36) 1,1-Dichloropropene	7.77	75	306281	50.813	ug/l	99
37) Ethyl Acetate	6.90	43	347962	51.892	ug/l	99
38) Carbon Tetrachloride	7.75	117	306626	51.110	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059201.D
 Acq On : 12 Nov 2019 19:10
 Operator : JC/SP
 Sample : K5769-11MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:26 PM

Quant Time: Nov 13 07:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	350653	50.125	ug/l	99
40) Benzene	8.02	78	928226	51.138	ug/l	99
41) Methacrylonitrile	7.15	41	160962	55.202	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	325064	52.216	ug/l	99
43) Isopropyl Acetate	8.14	43	542370	50.735	ug/l	99
44) Trichloroethene	8.82	130	232078	52.013	ug/l	99
45) 1,2-Dichloropropane	9.10	63	255890	51.903	ug/l	99
46) Dibromomethane	9.19	93	156943	51.084	ug/l	99
47) Bromodichloromethane	9.39	83	323665	52.759	ug/l	97
48) Methyl methacrylate	9.18	41	253501	53.014	ug/l	98
49) 1,4-Dioxane	9.18	88	88088	1036.590	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1757798	290.601	ug/l	99
52) Toluene	10.14	92	566856	52.104	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	362713	51.175	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	386092	50.641	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	231305	52.534	ug/l	99
56) Ethyl methacrylate	10.42	69	357518	48.733	ug/l	99
57) 1,3-Dichloropropane	10.70	76	400639	52.869	ug/l	100
59) 2-Hexanone	10.74	43	1309774	282.110	ug/l	100
60) Dibromochloromethane	10.89	129	251095	53.939	ug/l	100
61) 1,2-Dibromoethane	11.00	107	234210	52.547	ug/l	99
64) Tetrachloroethene	10.62	164	404595	100.412	ug/l	99
65) Chlorobenzene	11.43	112	600759	52.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	228393	52.708	ug/l	98
67) Ethyl Benzene	11.51	91	1091337	53.249	ug/l	98
68) m/p-Xylenes	11.62	106	809771	105.479	ug/l	99
69) o-Xylene	11.94	106	391242	52.734	ug/l	98
70) Stvrene	11.96	104	640024	54.851	ug/l	99
71) Bromoform	12.12	173	183450	54.428	ug/l #	99
73) Isopropylbenzene	12.25	105	1056631	50.362	ug/l	100
74) N-amyl acetate	12.07	43	451427	50.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	363612	50.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	328071m	49.960	ug/l	
77) Bromobenzene	12.53	156	257160	48.785	ug/l	100
78) n-propylbenzene	12.59	91	1237479	51.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	738271	49.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	904333	50.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	119593	48.103	ug/l	98
82) 4-Chlorotoluene	12.77	91	749136	50.119	ug/l	99
83) tert-Butylbenzene	12.99	119	758517	49.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	900880	52.376	ug/l	100
85) sec-Butylbenzene	13.17	105	1024240	51.297	ug/l	100
86) p-Isopropyltoluene	13.29	119	928778	52.681	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	458167	50.758	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	449250	49.744	ug/l	99
89) n-Butylbenzene	13.62	91	790154	51.207	ug/l	99
90) Hexachloroethane	13.88	117	171043	48.315	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	448392	50.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	70408	49.393	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	241664	45.171	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
Data File : VN059201.D
Acq On : 12 Nov 2019 19:10
Operator : JC/SP
Sample : K5769-11MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Manual Integrations
APPROVED

MMDadoda
11/13/2019 12:07:26 PM

Quant Time: Nov 13 07:31:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	142399	46.510	ug/l	99
95) Naphthalene	15.13	128	659423	44.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	238395	47.907	ug/l	98

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

