

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062815.D
 Acq On : 10 Aug 2020 17:48
 Operator : JC/MD
 Sample : L3618-12MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-498-500MS

Manual Integrations
 APPROVED

sam
 8/11/2020 3:24:58 PM

Quant Time: Aug 11 07:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	175474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	127028	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	
35) Dibromofluoromethane	7.55	113	89759	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	10.06	98	343853	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.38	95	130837	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102728	40.883	ug/l	98
3) Chloromethane	2.04	50	94564	39.881	ug/l	100
4) Vinyl Chloride	2.16	62	94949	42.693	ug/l	97
5) Bromomethane	2.50	94	64549	43.845	ug/l	98
6) Chloroethane	2.65	64	68900	47.092	ug/l	97
7) Trichlorofluoromethane	2.97	101	177473	44.752	ug/l	100
8) Diethyl Ether	3.37	74	55454	48.846	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	74011	46.207	ug/l	97
10) Methyl Iodide	3.91	142	101862	52.994	ug/l	95
11) Tert butyl alcohol	4.74	59	110430	232.193	ug/l	98
12) 1,1-Dichloroethene	3.69	96	72470	48.459	ug/l	99
13) Acrolein	3.57	56	83226	289.021	ug/l	100
14) Allyl chloride	4.27	41	124990	40.684	ug/l	94
15) Acrylonitrile	4.93	53	277901	251.928	ug/l	99
16) Acetone	3.78	43	231276	220.572	ug/l	97
17) Carbon Disulfide	4.00	76	191806	45.117	ug/l	99
18) Methyl Acetate	4.28	43	124563	50.233	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	330893	48.672	ug/l	100
20) Methylene Chloride	4.50	84	93606	48.763	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	79361	45.195	ug/l	97
22) Diisopropyl ether	5.91	45	326357	49.902	ug/l	99
23) Vinyl Acetate	5.84	43	1162004	233.594	ug/l	98
24) 1,1-Dichloroethane	5.80	63	175715	45.847	ug/l	99
25) 2-Butanone	6.79	43	363101	244.507	ug/l	99
26) 2,2-Dichloropropane	6.78	77	121304	34.336	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	99954	47.451	ug/l	91
28) Bromochloromethane	7.15	49	85273	46.101	ug/l	100
29) Tetrahydrofuran	7.17	42	239271	248.006	ug/l	99
30) Chloroform	7.33	83	182472	44.800	ug/l	97
31) Cyclohexane	7.62	56	157481	44.762	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	160256	44.007	ug/l	99
36) 1,1-Dichloropropene	7.75	75	119823	42.899	ug/l	97
37) Ethyl Acetate	6.88	43	135125	46.312	ug/l	98
38) Carbon Tetrachloride	7.73	117	136925	41.449	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062815.D
 Acq On : 10 Aug 2020 17:48
 Operator : JC/MD
 Sample : L3618-12MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-498-500MS

Manual Integrations
 APPROVED

sam
 8/11/2020 3:24:58 PM

Quant Time: Aug 11 07:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	142380	42.357	ug/l	98
40) Benzene	8.00	78	372910	44.741	ug/l	100
41) Methacrylonitrile	7.14	41	65628m	49.847	ug/l	
42) 1,2-Dichloroethane	8.09	62	150880	42.532	ug/l	100
43) Isopropyl Acetate	8.13	43	224312	46.092	ug/l	98
44) Trichloroethene	8.80	130	87526	43.103	ug/l	100
45) 1,2-Dichloropropane	9.09	63	106728	47.312	ug/l	97
46) Dibromomethane	9.18	93	68962	46.657	ug/l	99
47) Bromodichloromethane	9.37	83	151081	45.511	ug/l	99
48) Methyl methacrylate	9.17	41	110338	46.095	ug/l	97
49) 1,4-Dioxane	9.17	88	44252	997.688	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	771046	244.870	ug/l	99
52) Toluene	10.13	92	229866	44.668	ug/l	96
53) t-1,3-Dichloropropene	10.36	75	158099	43.297	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	167407	45.663	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	100835	45.878	ug/l	98
56) Ethyl methacrylate	10.40	69	165356	49.983	ug/l	97
57) 1,3-Dichloropropane	10.68	76	174251	46.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	226197	241.892	ug/l	99
59) 2-Hexanone	10.72	43	573501	244.165	ug/l	97
60) Dibromochloromethane	10.88	129	113429	45.224	ug/l	100
61) 1,2-Dibromoethane	10.98	107	102554	47.287	ug/l	100
64) Tetrachloroethene	10.60	164	73922	41.809	ug/l	95
65) Chlorobenzene	11.41	112	254020	44.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103400	44.949	ug/l	99
67) Ethyl Benzene	11.49	91	462757	45.143	ug/l	98
68) m/p-Xylenes	11.60	106	337911	90.811	ug/l	98
69) o-Xylene	11.92	106	165306	47.405	ug/l	98
70) Styrene	11.94	104	295325	48.181	ug/l	98
71) Bromoform	12.10	173	83314	44.266	ug/l #	100
73) Isopropylbenzene	12.23	105	459409	46.873	ug/l	99
74) N-amyl acetate	12.05	43	203526	51.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	159262	46.160	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	146826m	41.827	ug/l	
77) Bromobenzene	12.50	156	109998	45.169	ug/l	97
78) n-propylbenzene	12.57	91	517186	44.953	ug/l	99
79) 2-Chlorotoluene	12.65	91	323961	44.903	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	399337	46.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	53620	46.630	ug/l	95
82) 4-Chlorotoluene	12.75	91	338414	45.517	ug/l	99
83) tert-Butylbenzene	12.97	119	337239	46.872	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	390655	48.024	ug/l	100
85) sec-Butylbenzene	13.15	105	434102	45.945	ug/l	100
86) p-Isopropyltoluene	13.26	119	384569	45.855	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	195103	44.846	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	193266	44.292	ug/l	97
89) n-Butylbenzene	13.59	91	298422	42.073	ug/l	99
90) Hexachloroethane	13.85	117	77574	42.911	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	191763	47.016	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34484	46.555	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
Data File : VN062815.D
Acq On : 10 Aug 2020 17:48
Operator : JC/MD
Sample : L3618-12MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-498-500MS

Manual Integrations
APPROVED

sam
8/11/2020 3:24:58 PM

Quant Time: Aug 11 07:43:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	85325	39.686	ug/l	97
94) Hexachlorobutadiene	14.99	225	53488	41.399	ug/l	99
95) Naphthalene	15.10	128	237568	40.467	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	87720	41.144	ug/l	99

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

