

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061379.D
 Acq On : 11 May 2020 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 5/12/2020 3:33:57 PM

Quant Time: May 12 08:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	108062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	83470	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.54	113	47842	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	10.06	98	225906	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.37	95	84893	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56069	48.930	ug/l	100
3) Chloromethane	2.03	50	75965	54.736	ug/l	99
4) Vinyl Chloride	2.16	62	83687	53.090	ug/l	99
5) Bromomethane	2.53	94	33929	43.544	ug/l	99
6) Chloroethane	2.67	64	50726	50.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	106174	59.701	ug/l	99
8) Diethyl Ether	3.37	74	43038	58.018	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65136	56.852	ug/l	99
10) Methyl Iodide	3.90	142	60146	40.849	ug/l	99
11) Tert butyl alcohol	4.72	59	57052	249.080	ug/l	100
12) 1,1-Dichloroethene	3.69	96	59269	51.984	ug/l	99
13) Acrolein	3.56	56	31737	207.920	ug/l	95
14) Allyl chloride	4.27	41	130883	61.912	ug/l	96
15) Acrylonitrile	4.92	53	199900	284.302	ug/l	99
16) Acetone	3.77	43	193258	293.199	ug/l	99
17) Carbon Disulfide	4.01	76	117317	37.250	ug/l	99
18) Methyl Acetate	4.27	43	106952	49.558	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	234592	53.847	ug/l	99
20) Methylene Chloride	4.50	84	70841	53.132	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	66391	53.476	ug/l	97
22) Diisopropyl ether	5.90	45	278464	56.803	ug/l	99
23) Vinyl Acetate	5.84	43	1095629	277.571	ug/l	100
24) 1,1-Dichloroethane	5.79	63	141586	55.278	ug/l	99
25) 2-Butanone	6.78	43	283712	280.407	ug/l	100
26) 2,2-Dichloropropane	6.77	77	123424	57.210	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78540	53.908	ug/l	99
28) Bromochloromethane	7.15	49	65048	53.581	ug/l	96
29) Tetrahydrofuran	7.16	42	183306	268.950	ug/l	99
30) Chloroform	7.33	83	136661	52.650	ug/l	99
31) Cyclohexane	7.61	56	116925	47.006	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	117109	51.812	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100065	56.432	ug/l	99
37) Ethyl Acetate	6.87	43	117134	56.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	92546	56.874	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061379.D
 Acq On : 11 May 2020 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 5/12/2020 3:33:57 PM

Quant Time: May 12 08:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	101560	51.072	ug/l	97
40) Benzene	8.00	78	298536	56.511	ug/l	99
41) Methacrylonitrile	7.13	41	57047m	66.095	ug/l	
42) 1,2-Dichloroethane	8.08	62	114301	57.113	ug/l	100
43) Isopropyl Acetate	8.12	43	192437	55.779	ug/l #	92
44) Trichloroethene	8.80	130	74842	52.407	ug/l	99
45) 1,2-Dichloropropane	9.08	63	81539	57.774	ug/l	100
46) Dibromomethane	9.17	93	50714	58.034	ug/l	99
47) Bromodichloromethane	9.37	83	111192	59.282	ug/l	100
48) Methyl methacrylate	9.16	41	88456	56.819	ug/l	100
49) 1,4-Dioxane	9.16	88	17672	1000.022	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	593628	292.327	ug/l	100
52) Toluene	10.12	92	182075	57.221	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	122383	57.907	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	131916	59.040	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	72622	57.219	ug/l	99
56) Ethyl methacrylate	10.40	69	115830	52.243	ug/l	98
57) 1,3-Dichloropropane	10.68	76	129797	58.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	298708	290.756	ug/l	99
59) 2-Hexanone	10.72	43	434184	293.889	ug/l	100
60) Dibromochloromethane	10.87	129	78347	58.939	ug/l	97
61) 1,2-Dibromoethane	10.98	107	72398	56.912	ug/l	99
64) Tetrachloroethene	10.60	164	73397	50.474	ug/l	98
65) Chlorobenzene	11.41	112	186054	55.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71178	59.713	ug/l	99
67) Ethyl Benzene	11.48	91	354199	56.812	ug/l	99
68) m/p-Xylenes	11.59	106	260432	114.122	ug/l	98
69) o-Xylene	11.92	106	122497	55.882	ug/l	97
70) Styrene	11.94	104	213501	58.193	ug/l	99
71) Bromoform	12.10	173	53116	60.631	ug/l #	100
73) Isopropylbenzene	12.22	105	338355	55.895	ug/l	100
74) N-amyl acetate	12.04	43	169249	55.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	105855	56.081	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	96000m	55.299	ug/l	
77) Bromobenzene	12.50	156	76962	55.075	ug/l	96
78) n-propylbenzene	12.56	91	406465	56.610	ug/l	100
79) 2-Chlorotoluene	12.65	91	237788	56.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	285158	56.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	39157	57.280	ug/l	98
82) 4-Chlorotoluene	12.75	91	255176	57.369	ug/l	99
83) tert-Butylbenzene	12.97	119	232582	55.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	289555	56.095	ug/l	99
85) sec-Butylbenzene	13.15	105	317798	55.176	ug/l	100
86) p-Isopropyltoluene	13.26	119	287416	55.385	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	145464	56.546	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	146593	55.772	ug/l	100
89) n-Butylbenzene	13.59	91	266989	56.121	ug/l	99
90) Hexachloroethane	13.85	117	38650	68.139	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	138496	56.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21027	52.746	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
Data File : VN061379.D
Acq On : 11 May 2020 10:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
5/12/2020 3:33:57 PM

Quant Time: May 12 08:43:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81069	53.973	ug/l	100
94) Hexachlorobutadiene	14.98	225	36494	58.157	ug/l	99
95) Naphthalene	15.10	128	252160	51.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	78900	53.204	ug/l	100

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

