

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062996.D
 Acq On : 18 Aug 2020 19:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:13 PM

Quant Time: Aug 19 05:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	101670	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	85344	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.06	98	333089	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.38	95	117610	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	118952	56.293	ug/l	100
3) Chloromethane	2.03	50	131695	53.820	ug/l	100
4) Vinyl Chloride	2.16	62	131760	55.679	ug/l	100
5) Bromomethane	2.51	94	73662	52.444	ug/l	100
6) Chloroethane	2.66	64	74893	53.604	ug/l	100
7) Trichlorofluoromethane	2.98	101	155236	52.603	ug/l	100
8) Diethyl Ether	3.37	74	50427	48.302	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	76709	48.239	ug/l	100
10) Methyl Iodide	3.91	142	107511	53.339	ug/l	100
11) Tert butyl alcohol	4.74	59	75219	251.068	ug/l	100
12) 1,1-Dichloroethene	3.70	96	71755	47.368	ug/l	100
13) Acrolein	3.57	56	16321	173.895	ug/l	100
14) Allyl chloride	4.27	41	132489	49.603	ug/l	100
15) Acrylonitrile	4.93	53	231136	262.485	ug/l	100
16) Acetone	3.78	43	165075	229.190	ug/l	100
17) Carbon Disulfide	4.01	76	198695	50.084	ug/l	100
18) Methyl Acetate	4.28	43	102145	48.596	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	282411	53.457	ug/l	100
20) Methylene Chloride	4.50	84	93841	39.514	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	81122	51.171	ug/l	100
22) Diisopropyl ether	5.91	45	322615	53.227	ug/l	100
23) Vinyl Acetate	5.84	43	1054014	257.698	ug/l	100
24) 1,1-Dichloroethane	5.80	63	169650	50.089	ug/l	100
25) 2-Butanone	6.79	43	283695	252.641	ug/l	100
26) 2,2-Dichloropropane	6.78	77	129073	48.457	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	98991	49.818	ug/l	100
28) Bromochloromethane	7.15	49	85411	48.196	ug/l	100
29) Tetrahydrofuran	7.17	42	193630	267.176	ug/l	100
30) Chloroform	7.33	83	170481	49.978	ug/l	100
31) Cyclohexane	7.62	56	162011	51.971	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	138403	49.699	ug/l	100
36) 1,1-Dichloropropene	7.75	75	117936	50.692	ug/l	100
37) Ethyl Acetate	6.88	43	111118	50.846	ug/l	100
38) Carbon Tetrachloride	7.73	117	118827	50.591	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062996.D
 Acq On : 18 Aug 2020 19:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:13 PM

Quant Time: Aug 19 05:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155858	56.695	ug/l	100
40) Benzene	8.00	78	375828	50.933	ug/l	100
41) Methacrylonitrile	7.12	41	55184	53.131	ug/l	100
42) 1,2-Dichloroethane	8.09	62	125088	50.487	ug/l	100
43) Isopropyl Acetate	8.13	43	185598	51.390	ug/l	100
44) Trichloroethene	8.80	130	91557	49.883	ug/l	100
45) 1,2-Dichloropropane	9.08	63	107547	50.423	ug/l	100
46) Dibromomethane	9.18	93	64204	52.106	ug/l	100
47) Bromodichloromethane	9.37	83	139592	51.725	ug/l	100
48) Methyl methacrylate	9.17	41	90274	52.829	ug/l	100
49) 1,4-Dioxane	9.17	88	37877	1137.147	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	608862	266.718	ug/l	100
52) Toluene	10.13	92	235519	52.911	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	146637	52.542	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	160680	52.484	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	97756	51.362	ug/l	100
56) Ethyl methacrylate	10.40	69	141914	55.217	ug/l	100
57) 1,3-Dichloropropane	10.68	76	161262	51.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	163241	265.007	ug/l	100
59) 2-Hexanone	10.72	43	427182	268.279	ug/l	100
60) Dibromochloromethane	10.88	129	107406	50.993	ug/l	100
61) 1,2-Dibromoethane	10.98	107	95762	52.363	ug/l	100
64) Tetrachloroethene	10.60	164	83716	50.178	ug/l	100
65) Chlorobenzene	11.41	112	257485	50.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	99129	49.998	ug/l	100
67) Ethyl Benzene	11.49	91	457263	53.090	ug/l	100
68) m/p-Xylenes	11.60	106	350927	109.624	ug/l	100
69) o-Xylene	11.92	106	167706	54.556	ug/l	100
70) Styrene	11.94	104	296992	56.296	ug/l	100
71) Bromoform	12.10	173	80436	50.969	ug/l	# 100
73) Isopropylbenzene	12.23	105	452417	52.116	ug/l	100
74) N-amyl acetate	12.05	43	170039	54.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	145674	47.033	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	124025m	49.676	ug/l	
77) Bromobenzene	12.50	156	118322	49.559	ug/l	100
78) n-propylbenzene	12.57	91	534878	54.057	ug/l	100
79) 2-Chlorotoluene	12.65	91	316560	50.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	390945	54.479	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	47548	52.998	ug/l	100
82) 4-Chlorotoluene	12.75	91	328177	51.785	ug/l	100
83) tert-Butylbenzene	12.97	119	329990	53.278	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	383525	54.860	ug/l	100
85) sec-Butylbenzene	13.15	105	449340	53.680	ug/l	100
86) p-Isopropyltoluene	13.26	119	398416	54.625	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	210169	51.222	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	210393	50.520	ug/l	100
89) n-Butylbenzene	13.59	91	327677	53.236	ug/l	100
90) Hexachloroethane	13.85	117	76521	49.361	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	203037	51.228	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23388	53.496	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
Data File : VN062996.D
Acq On : 18 Aug 2020 19:53
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:46:13 PM

Quant Time: Aug 19 05:58:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	99259	57.318	ug/l	100
94) Hexachlorobutadiene	14.99	225	72180	49.284	ug/l	100
95) Naphthalene	15.11	128	214602	55.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97783	56.224	ug/l	100

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

