

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055696.D
 Acq On : 21 May 2019 9:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 4:11:07 PM

Quant Time: May 22 06:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	475555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	417196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	163047	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
35) Dibromofluoromethane	7.59	113	151863	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	575316	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	199535	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	128505	49.754	ug/l	98
3) Chloromethane	2.06	50	161811	46.970	ug/l	99
4) Vinyl Chloride	2.18	62	182974	49.049	ug/l	99
5) Bromomethane	2.53	94	120066	50.503	ug/l	100
6) Chloroethane	2.68	64	107058	51.687	ug/l	100
7) Trichlorofluoromethane	3.01	101	248201	51.921	ug/l	99
8) Diethyl Ether	3.41	74	98818	51.457	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	160186	54.965	ug/l	98
10) Methyl Iodide	3.95	142	212469	50.570	ug/l	98
11) Tert butyl alcohol	4.77	59	168209	245.124	ug/l	99
12) 1,1-Dichloroethene	3.73	96	154295	50.330	ug/l	97
13) Acrolein	3.60	56	86271	246.484	ug/l	99
14) Allyl chloride	4.32	41	247160	49.940	ug/l	99
15) Acrylonitrile	4.98	53	394022	258.084	ug/l	100
16) Acetone	3.81	43	415088	276.411	ug/l	98
17) Carbon Disulfide	4.05	76	404235	47.432	ug/l	100
18) Methyl Acetate	4.32	43	163977	50.933	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	517054	50.981	ug/l	98
20) Methylene Chloride	4.55	84	174695	50.974	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	165512	50.680	ug/l	95
22) Diisopropyl ether	5.95	45	495973	50.573	ug/l	96
23) Vinyl Acetate	5.89	43	2115676	254.245	ug/l	98
24) 1,1-Dichloroethane	5.85	63	294217	51.166	ug/l	100
25) 2-Butanone	6.83	43	549112	261.518	ug/l	98
26) 2,2-Dichloropropane	6.82	77	267725	52.459	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	195758	51.476	ug/l	97
28) Bromochloromethane	7.19	49	113843	45.507	ug/l	95
29) Tetrahydrofuran	7.21	42	332571	239.074	ug/l	97
30) Chloroform	7.37	83	300291	50.874	ug/l	99
31) Cyclohexane	7.65	56	264620	48.488	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	268846	50.781	ug/l	99
36) 1,1-Dichloropropene	7.79	75	225416	53.166	ug/l	98
37) Ethyl Acetate	6.92	43	208369	54.462	ug/l	98
38) Carbon Tetrachloride	7.77	117	243390	53.720	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055696.D
 Acq On : 21 May 2019 9:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 4:11:07 PM

Quant Time: May 22 06:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	285507	55.860	ug/l	99
40) Benzene	8.04	78	689539	55.293	ug/l	100
41) Methacrylonitrile	7.18	41	105674m	64.603	ug/l	
42) 1,2-Dichloroethane	8.12	62	225181	55.762	ug/l	100
43) Isopropyl Acetate	8.16	43	367010	55.146	ug/l	99
44) Trichloroethene	8.83	130	201384	57.229	ug/l	98
45) 1,2-Dichloropropane	9.12	63	180250	54.866	ug/l	100
46) Dibromomethane	9.21	93	120736	56.150	ug/l	97
47) Bromodichloromethane	9.40	83	245664	54.513	ug/l	100
48) Methyl methacrylate	9.20	41	164087	55.161	ug/l	97
49) 1,4-Dioxane	9.20	88	72045	1218.854	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1033836	264.825	ug/l	99
52) Toluene	10.15	92	443394	56.687	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	274069	56.505	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	299324	56.331	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	179493	55.741	ug/l	99
56) Ethyl methacrylate	10.43	69	272885	54.287	ug/l	97
57) 1,3-Dichloropropane	10.71	76	285727	56.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	469916	220.013	ug/l	98
59) 2-Hexanone	10.75	43	756408	275.207	ug/l	98
60) Dibromochloromethane	10.90	129	212475	58.219	ug/l	100
61) 1,2-Dibromoethane	11.00	107	184377	57.225	ug/l	99
64) Tetrachloroethene	10.63	164	189864	57.699	ug/l	98
65) Chlorobenzene	11.43	112	484878	57.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	191556	56.429	ug/l	100
67) Ethyl Benzene	11.51	91	848533	56.448	ug/l	100
68) m/p-Xylenes	11.62	106	653821	115.177	ug/l	97
69) o-Xylene	11.95	106	321509	57.906	ug/l	96
70) Styrene	11.96	104	539028	58.388	ug/l	98
71) Bromoform	12.13	173	169597	58.953	ug/l #	100
73) Isopropylbenzene	12.25	105	843559	62.751	ug/l	100
74) N-amyl acetate	12.07	43	292227	53.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	247253	58.513	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	199602m	50.563	ug/l	
77) Bromobenzene	12.53	156	224748	56.567	ug/l	94
78) n-propylbenzene	12.59	91	925979	53.899	ug/l	99
79) 2-Chlorotoluene	12.67	91	554961	60.720	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	716342	62.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	81370	52.986	ug/l	99
82) 4-Chlorotoluene	12.77	91	545549	53.896	ug/l	98
83) tert-Butylbenzene	12.99	119	623567	64.112	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	713696	62.053	ug/l	100
85) sec-Butylbenzene	13.17	105	801955	62.541	ug/l	99
86) p-Isopropyltoluene	13.29	119	747552	62.516	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	374188	56.961	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	363311	57.922	ug/l	98
89) n-Butylbenzene	13.61	91	593495	55.906	ug/l	100
90) Hexachloroethane	13.87	117	142167	62.325	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	366544	55.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44071	50.197	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055696.D
Acq On : 21 May 2019 9:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/22/2019 4:11:07 PM

Quant Time: May 22 06:46:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	195024	58.507	ug/l	99
94) Hexachlorobutadiene	15.01	225	132949	67.078	ug/l	99
95) Naphthalene	15.13	128	522426	51.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	193765	55.595	ug/l	100

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

