

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060646.D
 Acq On : 20 Mar 2020 11:32
 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

MMDadoda
 3/23/2020 2:42:10 PM

Quant Time: Mar 21 04:17:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	302432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130417	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.56	113	96178	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.08	98	394403	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	143781	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	100163	55.58	ug/l	100
3) Chloromethane	2.04	50	167475	49.75	ug/l	99
4) Vinyl Chloride	2.16	62	136826	51.97	ug/l	97
5) Bromomethane	2.54	94	61429	54.05	ug/l	99
6) Chloroethane	2.68	64	82511	54.41	ug/l	99
7) Trichlorofluoromethane	3.00	101	176134	54.31	ug/l	98
8) Diethyl Ether	3.38	74	70660	54.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	105191	55.98	ug/l	99
10) Methyl Iodide	3.92	142	89082	53.27	ug/l	100
11) Tert butyl alcohol	4.72	59	101647	270.30	ug/l	99
12) 1,1-Dichloroethene	3.71	96	107140	53.13	ug/l	99
13) Acrolein	3.57	56	105213	252.45	ug/l	99
14) Allyl chloride	4.29	41	185849	52.40	ug/l	100
15) Acrylonitrile	4.94	53	305869	276.60	ug/l	99
16) Acetone	3.78	43	309189	341.37	ug/l	98
17) Carbon Disulfide	4.03	76	321229	52.38	ug/l	100
18) Methyl Acetate	4.28	43	137169	53.80	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	360516	52.00	ug/l	99
20) Methylene Chloride	4.52	84	121105	54.35	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	115736	53.85	ug/l	95
22) Diisopropyl ether	5.91	45	408660	54.54	ug/l	98
23) Vinyl Acetate	5.85	43	1700133	278.07	ug/l	99
24) 1,1-Dichloroethane	5.82	63	221997	54.34	ug/l	99
25) 2-Butanone	6.80	43	431362	294.32	ug/l	99
26) 2,2-Dichloropropane	6.79	77	190202	59.18	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	133233	54.55	ug/l	99
28) Bromochloromethane	7.17	49	110393	56.48	ug/l	100
29) Tetrahydrofuran	7.18	42	275944	266.10	ug/l	99
30) Chloroform	7.34	83	212232	54.19	ug/l	97
31) Cyclohexane	7.63	56	211257	51.30	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	181884	53.88	ug/l	98
36) 1,1-Dichloropropene	7.77	75	169355	57.83	ug/l	100
37) Ethyl Acetate	6.89	43	173738	54.91	ug/l	100
38) Carbon Tetrachloride	7.75	117	148722	56.66	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060646.D
 Acq On : 20 Mar 2020 11:32
 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

MMDadoda
 3/23/2020 2:42:10 PM

Quant Time: Mar 21 04:17:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	199752	57.40	ug/l	99
40) Benzene	8.02	78	499849	56.54	ug/l	99
41) Methacrylonitrile	7.14	41	77191m	57.16	ug/l	
42) 1,2-Dichloroethane	8.10	62	172984	57.26	ug/l	99
43) Isopropyl Acetate	8.14	43	288348	55.25	ug/l	100
44) Trichloroethene	8.82	130	128337	57.59	ug/l	100
45) 1,2-Dichloropropane	9.10	63	132929	56.99	ug/l	99
46) Dibromomethane	9.19	93	81048	57.47	ug/l	100
47) Bromodichloromethane	9.38	83	168387	57.46	ug/l	98
48) Methyl methacrylate	9.18	41	132022	56.82	ug/l	100
49) 1,4-Dioxane	9.18	88	37435	1355.52	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	861537	290.12	ug/l	99
52) Toluene	10.14	92	308066	57.70	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	197468	58.66	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	211259	57.21	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	116650	56.79	ug/l	100
56) Ethyl methacrylate	10.42	69	186112	58.11	ug/l	99
57) 1,3-Dichloropropane	10.70	76	203600	57.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	410220	257.72	ug/l	100
59) 2-Hexanone	10.74	43	651230	304.44	ug/l	100
60) Dibromochloromethane	10.89	129	124776	58.81	ug/l	100
61) 1,2-Dibromoethane	10.99	107	120631	58.41	ug/l	99
64) Tetrachloroethene	10.62	164	125917	57.97	ug/l	100
65) Chlorobenzene	11.43	112	313876	57.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	113261	57.17	ug/l	98
67) Ethyl Benzene	11.50	91	591598	58.14	ug/l	99
68) m/p-Xylenes	11.62	106	439518	116.23	ug/l	100
69) o-Xylene	11.94	106	209228	57.96	ug/l	99
70) Styrene	11.96	104	352677	59.74	ug/l	99
71) Bromoform	12.12	173	88869	53.84	ug/l	# 99
73) Isopropylbenzene	12.25	105	564331	55.75	ug/l	99
74) N-amyl acetate	12.06	43	258343	55.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	166976	54.55	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	156160m	53.66	ug/l	
77) Bromobenzene	12.52	156	134121	54.99	ug/l	99
78) n-propylbenzene	12.59	91	678857	56.77	ug/l	99
79) 2-Chlorotoluene	12.67	91	391163	54.74	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	478325	55.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63728	56.24	ug/l	99
82) 4-Chlorotoluene	12.77	91	408989	56.20	ug/l	99
83) tert-Butylbenzene	12.99	119	391174	54.93	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	478797	56.34	ug/l	99
85) sec-Butylbenzene	13.17	105	535377	55.91	ug/l	100
86) p-Isopropyltoluene	13.28	119	487972	56.67	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	243840	56.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	242765	56.17	ug/l	99
89) n-Butylbenzene	13.61	91	454211	58.43	ug/l	100
90) Hexachloroethane	13.87	117	64532	51.56	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	231173	56.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33066	51.58	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
Data File : VN060646.D
Acq On : 20 Mar 2020 11:32
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

MMDadoda
3/23/2020 2:42:10 PM

Quant Time: Mar 21 04:17:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151538	59.99	ug/l	99
94) Hexachlorobutadiene	15.01	225	68740	55.51	ug/l	100
95) Naphthalene	15.13	128	444167	58.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140957	56.65	ug/l	98

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

