

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061642.D
 Acq On : 3 Jun 2020 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:18 PM

Quant Time: Jun 04 08:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	334117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196052	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	143457	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.06	98	673713	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.37	95	245064	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182718	47.425	ug/l	98
3) Chloromethane	2.03	50	191825	47.072	ug/l	99
4) Vinyl Chloride	2.16	62	267565	47.913	ug/l	99
5) Bromomethane	2.53	94	162234	50.628	ug/l	100
6) Chloroethane	2.67	64	171639	47.750	ug/l	99
7) Trichlorofluoromethane	2.98	101	401361	55.734	ug/l	99
8) Diethyl Ether	3.37	74	98792	44.864	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	155579	48.685	ug/l	98
10) Methyl Iodide	3.91	142	206701	46.595	ug/l	99
11) Tert butyl alcohol	4.74	59	119533	225.751	ug/l	99
12) 1,1-Dichloroethene	3.69	96	157017	45.991	ug/l	96
13) Acrolein	3.57	56	37543	244.031	ug/l	94
14) Allyl chloride	4.28	41	197304	44.205	ug/l	98
15) Acrylonitrile	4.93	53	338263	228.878	ug/l	100
16) Acetone	3.77	43	251385	228.605	ug/l	99
17) Carbon Disulfide	4.01	76	325925	43.391	ug/l	96
18) Methyl Acetate	4.28	43	161414	44.792	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	534935	45.974	ug/l	99
20) Methylene Chloride	4.50	84	177982	49.161	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	178181	46.278	ug/l	96
22) Diisopropyl ether	5.90	45	456731	46.428	ug/l	99
23) Vinyl Acetate	5.84	43	1672246	213.277	ug/l	98
24) 1,1-Dichloroethane	5.80	63	294443	47.200	ug/l	99
25) 2-Butanone	6.78	43	406915	215.685	ug/l	98
26) 2,2-Dichloropropane	6.77	77	270379	47.355	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	210388	48.256	ug/l	100
28) Bromochloromethane	7.15	49	115514	49.307	ug/l	95
29) Tetrahydrofuran	7.16	42	266792	214.452	ug/l	96
30) Chloroform	7.33	83	332603	48.194	ug/l	98
31) Cyclohexane	7.61	56	248682	44.326	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	306931	48.808	ug/l	99
36) 1,1-Dichloropropene	7.75	75	237272	48.530	ug/l	99
37) Ethyl Acetate	6.88	43	181892	46.190	ug/l	98
38) Carbon Tetrachloride	7.73	117	242982	51.523	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061642.D
 Acq On : 3 Jun 2020 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:18 PM

Quant Time: Jun 04 08:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278722	46.251	ug/l	98
40) Benzene	8.00	78	741038	49.123	ug/l	100
41) Methacrylonitrile	7.12	41	73530	40.755	ug/l	95
42) 1,2-Dichloroethane	8.09	62	242917	48.099	ug/l	100
43) Isopropyl Acetate	8.13	43	317407	44.802	ug/l	97
44) Trichloroethene	8.80	130	230373	49.691	ug/l	98
45) 1,2-Dichloropropane	9.09	63	174234	48.640	ug/l	98
46) Dibromomethane	9.18	93	133063	48.435	ug/l	99
47) Bromodichloromethane	9.37	83	268397	49.311	ug/l	99
48) Methyl methacrylate	9.17	41	137661	43.187	ug/l	96
49) 1,4-Dioxane	9.16	88	51639	1045.741	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	915650	229.347	ug/l	99
52) Toluene	10.12	92	496648	50.442	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	286602	48.879	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	306903	48.679	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	194393	49.556	ug/l	97
56) Ethyl methacrylate	10.40	69	270428	49.351	ug/l	96
57) 1,3-Dichloropropane	10.68	76	309394	49.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	533685	227.905	ug/l	100
59) 2-Hexanone	10.72	43	648212	226.074	ug/l	98
60) Dibromochloromethane	10.87	129	226769	50.850	ug/l	99
61) 1,2-Dibromoethane	10.98	107	208016	50.845	ug/l	98
64) Tetrachloroethene	10.60	164	256846	51.151	ug/l	100
65) Chlorobenzene	11.41	112	546031	49.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203950	49.399	ug/l	98
67) Ethyl Benzene	11.48	91	953122	49.733	ug/l	99
68) m/p-Xylenes	11.59	106	753599	99.173	ug/l	99
69) o-Xylene	11.92	106	359803	49.852	ug/l	99
70) Styrene	11.94	104	608471	50.908	ug/l	99
71) Bromoform	12.10	173	161322	50.708	ug/l #	100
73) Isopropylbenzene	12.22	105	959506	47.555	ug/l	99
74) N-amyl acetate	12.04	43	283920	44.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244865	43.307	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	216402m	43.049	ug/l	
77) Bromobenzene	12.50	156	250317	48.602	ug/l	97
78) n-propylbenzene	12.56	91	1065789	47.316	ug/l	100
79) 2-Chlorotoluene	12.65	91	620069	46.166	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	793578	47.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83605	42.532	ug/l	97
82) 4-Chlorotoluene	12.75	91	651219	46.088	ug/l	99
83) tert-Butylbenzene	12.97	119	688387	46.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	804657	48.029	ug/l	98
85) sec-Butylbenzene	13.15	105	887185	46.207	ug/l	99
86) p-Isopropyltoluene	13.27	119	827872	46.820	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	444282	48.714	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	448860	48.311	ug/l	99
89) n-Butylbenzene	13.59	91	678093	45.786	ug/l	99
90) Hexachloroethane	13.85	117	99778	51.025	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	423163	48.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46880	40.654	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
Data File : VN061642.D
Acq On : 3 Jun 2020 17:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:18 PM

Quant Time: Jun 04 08:28:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	249433	48.934	ug/l	100
94) Hexachlorobutadiene	14.98	225	94136	43.302	ug/l	99
95) Naphthalene	15.10	128	742966	47.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	240576	48.003	ug/l	98

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

