

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061865.D
 Acq On : 17 Jun 2020 22:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:22 AM

Quant Time: Jun 18 06:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111752	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.55	113	96858	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.06	98	372967	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.38	95	126908	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106001	48.732	ug/l	98
3) Chloromethane	2.03	50	110178	47.474	ug/l	98
4) Vinyl Chloride	2.16	62	139956	50.586	ug/l	100
5) Bromomethane	2.52	94	99491	46.828	ug/l	96
6) Chloroethane	2.66	64	93171	49.759	ug/l	98
7) Trichlorofluoromethane	2.98	101	188059	56.905	ug/l	97
8) Diethyl Ether	3.37	74	53975	48.582	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82902	48.897	ug/l	99
10) Methyl Iodide	3.91	142	100462	49.193	ug/l	99
11) Tert butyl alcohol	4.73	59	68672	221.308	ug/l	97
12) 1,1-Dichloroethene	3.69	96	82269	48.427	ug/l	99
13) Acrolein	3.56	56	40446	218.086	ug/l	98
14) Allyl chloride	4.28	41	104726	46.448	ug/l	98
15) Acrylonitrile	4.93	53	188004	244.519	ug/l	99
16) Acetone	3.77	43	146364	220.974	ug/l	98
17) Carbon Disulfide	4.01	76	235805	47.439	ug/l	99
18) Methyl Acetate	4.28	43	89604	46.988	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	269879	47.713	ug/l	99
20) Methylene Chloride	4.50	84	98366	45.583	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	93528	47.931	ug/l	96
22) Diisopropyl ether	5.90	45	240849	46.707	ug/l	99
23) Vinyl Acetate	5.84	43	956010	235.720	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159183	47.157	ug/l	99
25) 2-Butanone	6.78	43	225555	233.401	ug/l	98
26) 2,2-Dichloropropane	6.77	77	120938	42.584	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	108111	48.017	ug/l	97
28) Bromochloromethane	7.15	49	75174	50.016	ug/l	96
29) Tetrahydrofuran	7.17	42	151985	238.976	ug/l	99
30) Chloroform	7.33	83	169770	47.059	ug/l	98
31) Cyclohexane	7.61	56	134445	45.497	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	146443	47.664	ug/l	100
36) 1,1-Dichloropropene	7.75	75	126480	48.311	ug/l	98
37) Ethyl Acetate	6.88	43	98295	48.080	ug/l	99
38) Carbon Tetrachloride	7.73	117	128721	49.650	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061865.D
 Acq On : 17 Jun 2020 22:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:22 AM

Quant Time: Jun 18 06:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143513	50.908	ug/l	97
40) Benzene	8.00	78	381931	48.159	ug/l	99
41) Methacrylonitrile	7.12	41	35237	40.307	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	130018	48.082	ug/l	99
43) Isopropyl Acetate	8.13	43	163864	47.561	ug/l	99
44) Trichloroethene	8.80	130	103569	49.623	ug/l	97
45) 1,2-Dichloropropane	9.09	63	94253	48.361	ug/l	99
46) Dibromomethane	9.18	93	67352	49.075	ug/l	99
47) Bromodichloromethane	9.37	83	136539	48.586	ug/l	100
48) Methyl methacrylate	9.17	41	75082	47.920	ug/l	99
49) 1,4-Dioxane	9.17	88	37203	1034.217	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	498000	244.601	ug/l	100
52) Toluene	10.12	92	250720	50.339	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	142489	47.762	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	157138	48.494	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	97957	49.987	ug/l	98
56) Ethyl methacrylate	10.40	69	134098	45.101	ug/l	99
57) 1,3-Dichloropropane	10.68	76	162848	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	265680	256.888	ug/l	99
59) 2-Hexanone	10.72	43	358704	222.110	ug/l	99
60) Dibromochloromethane	10.87	129	110363	50.471	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101124	49.419	ug/l	99
64) Tetrachloroethene	10.60	164	88646	51.620	ug/l	98
65) Chlorobenzene	11.40	112	272795	47.983	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	97653	49.250	ug/l	99
67) Ethyl Benzene	11.48	91	473043	49.626	ug/l	99
68) m/p-Xylenes	11.60	106	373112	101.510	ug/l	98
69) o-Xylene	11.92	106	178744	50.967	ug/l	100
70) Styrene	11.94	104	303198	51.633	ug/l	99
71) Bromoform	12.10	173	73286	50.690	ug/l #	99
73) Isopropylbenzene	12.22	105	467060	49.166	ug/l	99
74) N-amyl acetate	12.05	43	146242	42.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140814	45.592	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	114362m	43.574	ug/l	
77) Bromobenzene	12.50	156	115411	48.155	ug/l	97
78) n-propylbenzene	12.57	91	524056	48.347	ug/l	99
79) 2-Chlorotoluene	12.65	91	308592	47.402	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	390733	49.716	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	43209	44.903	ug/l	97
82) 4-Chlorotoluene	12.75	91	321943	47.858	ug/l	100
83) tert-Butylbenzene	12.97	119	323869	48.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	389739	50.236	ug/l	99
85) sec-Butylbenzene	13.15	105	433542	49.713	ug/l	100
86) p-Isopropyltoluene	13.27	119	401633	51.683	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	208405	47.678	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208587	46.618	ug/l	100
89) n-Butylbenzene	13.59	91	321299	49.507	ug/l	99
90) Hexachloroethane	13.85	117	69854	49.106	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	204384	48.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24542	48.946	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061865.D
Acq On : 17 Jun 2020 22:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:22 AM

Quant Time: Jun 18 06:42:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98230	49.468	ug/l	99
94) Hexachlorobutadiene	14.98	225	38012	48.603	ug/l	98
95) Naphthalene	15.10	128	281744	42.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98548	50.111	ug/l	99

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

