

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062942.D
 Acq On : 14 Aug 2020 18:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 11:43:53 AM

Quant Time: Aug 17 09:44:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	166339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130612	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	91519	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.06	98	350605	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.38	95	134808	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	107249	45.027	ug/l	99
3) Chloromethane	2.03	50	122283	54.403	ug/l	98
4) Vinyl Chloride	2.16	62	163808	77.701	ug/l	97
5) Bromomethane	2.50	94	84144	60.293	ug/l	98
6) Chloroethane	2.65	64	102993	74.259	ug/l	95
7) Trichlorofluoromethane	2.97	101	212558	56.542	ug/l	98
8) Diethyl Ether	3.37	74	49215	45.731	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74906	49.395	ug/l	98
10) Methyl Iodide	3.90	142	85615	46.988	ug/l	97
11) Tert butyl alcohol	4.74	59	97131	215.446	ug/l	98
12) 1,1-Dichloroethene	3.69	96	66762	47.060	ug/l	97
13) Acrolein	3.56	56	67358	246.762	ug/l	96
14) Allyl chloride	4.27	41	124401	42.717	ug/l	96
15) Acrylonitrile	4.93	53	242973	232.361	ug/l	100
16) Acetone	3.78	43	229305	230.703	ug/l	98
17) Carbon Disulfide	4.00	76	174220	43.191	ug/l	98
18) Methyl Acetate	4.28	43	112599	47.849	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	299910	46.537	ug/l	99
20) Methylene Chloride	4.50	84	87009	47.801	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72969	43.836	ug/l	96
22) Diisopropyl ether	5.91	45	294730	47.541	ug/l	97
23) Vinyl Acetate	5.84	43	1020017	216.311	ug/l	99
24) 1,1-Dichloroethane	5.80	63	161448	44.438	ug/l	98
25) 2-Butanone	6.79	43	327481	232.631	ug/l	100
26) 2,2-Dichloropropane	6.77	77	148469	44.333	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	90580	45.362	ug/l	96
28) Bromochloromethane	7.15	49	84937	48.441	ug/l	98
29) Tetrahydrofuran	7.17	42	210927	230.634	ug/l	99
30) Chloroform	7.33	83	175407	45.430	ug/l	100
31) Cyclohexane	7.61	56	142335	42.679	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	155505	45.047	ug/l	100
36) 1,1-Dichloropropene	7.75	75	112043	45.055	ug/l	96
37) Ethyl Acetate	6.88	43	122317	47.086	ug/l	98
38) Carbon Tetrachloride	7.73	117	131620	44.751	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062942.D
 Acq On : 14 Aug 2020 18:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 11:43:53 AM

Quant Time: Aug 17 09:44:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	139865	46.735	ug/l	100
40) Benzene	8.00	78	339888	45.803	ug/l	98
41) Methacrylonitrile	7.12	41	50505	43.086	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	146961	46.530	ug/l	99
43) Isopropyl Acetate	8.13	43	198631	45.842	ug/l	98
44) Trichloroethene	8.80	130	83602	46.242	ug/l	97
45) 1,2-Dichloropropane	9.09	63	98251	48.920	ug/l	96
46) Dibromomethane	9.18	93	63716	48.419	ug/l	98
47) Bromodichloromethane	9.37	83	146030	49.409	ug/l	99
48) Methyl methacrylate	9.17	41	98573	46.252	ug/l	97
49) 1,4-Dioxane	9.17	88	39839	1008.839	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	679437	242.357	ug/l	98
52) Toluene	10.13	92	219522	47.913	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	155712	47.897	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	158495	48.558	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	93952	48.013	ug/l	98
56) Ethyl methacrylate	10.40	69	147142	49.957	ug/l	97
57) 1,3-Dichloropropane	10.68	76	160912	48.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	175798	211.154	ug/l	99
59) 2-Hexanone	10.72	43	505834	241.885	ug/l	99
60) Dibromochloromethane	10.88	129	110692	49.569	ug/l	99
61) 1,2-Dibromoethane	10.98	107	96111	49.775	ug/l	98
64) Tetrachloroethene	10.60	164	73318	46.410	ug/l	98
65) Chlorobenzene	11.41	112	244977	47.864	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	100265	48.782	ug/l	97
67) Ethyl Benzene	11.48	91	442150	48.275	ug/l	97
68) m/p-Xylenes	11.60	106	329938	99.238	ug/l	97
69) o-Xylene	11.92	106	158228	50.784	ug/l	97
70) Styrene	11.94	104	280772	51.267	ug/l	99
71) Bromoform	12.10	173	81327	48.361	ug/l #	99
73) Isopropylbenzene	12.22	105	441527	48.144	ug/l	99
74) N-amyl acetate	12.05	43	178436	48.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	148230	45.914	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	134368m	40.908	ug/l	
77) Bromobenzene	12.50	156	109124	47.889	ug/l	92
78) n-propylbenzene	12.57	91	516457	47.974	ug/l	98
79) 2-Chlorotoluene	12.65	91	317431	47.021	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	395877	49.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50425	46.865	ug/l	99
82) 4-Chlorotoluene	12.75	91	336325	48.344	ug/l	98
83) tert-Butylbenzene	12.97	119	333628	49.556	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	387128	50.861	ug/l	99
85) sec-Butylbenzene	13.15	105	435645	49.276	ug/l	99
86) p-Isopropyltoluene	13.26	119	393667	50.165	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	195345	47.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	192816	47.225	ug/l	99
89) n-Butylbenzene	13.59	91	322336	48.566	ug/l	99
90) Hexachloroethane	13.85	117	77147	45.607	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	192059	50.324	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	32367	46.699	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
Data File : VN062942.D
Acq On : 14 Aug 2020 18:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/17/2020 11:43:53 AM

Quant Time: Aug 17 09:44:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115243	55.811	ug/l	97
94) Hexachlorobutadiene	14.98	225	85889	72.187	ug/l	99
95) Naphthalene	15.10	128	336892	59.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	131166	64.110	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081420\
Data File : VN062942.D
Acq On : 14 Aug 2020 18:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/17/2020 11:43:53 AM

Quant Time: Aug 17 09:44:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

