

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062079.D
 Acq On : 24 Jun 2020 22:14
 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
 6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	260624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	175663	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.55	113	140953	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.06	98	573116	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	198115	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140523	47.701	ug/l	100
3) Chloromethane	2.03	50	176591	50.943	ug/l	100
4) Vinyl Chloride	2.16	62	216573	46.683	ug/l	98
5) Bromomethane	2.52	94	116418	38.828	ug/l	98
6) Chloroethane	2.66	64	152163	48.015	ug/l	98
7) Trichlorofluoromethane	2.98	101	268595	46.986	ug/l	100
8) Diethyl Ether	3.37	74	97894	49.043	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139612	46.638	ug/l	99
10) Methyl Iodide	3.91	142	130445	38.692	ug/l	99
11) Tert butyl alcohol	4.73	59	129609	246.815	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	144960	48.440	ug/l	100
13) Acrolein	3.56	56	111555	216.978	ug/l	100
14) Allyl chloride	4.27	41	199823	49.044	ug/l	99
15) Acrylonitrile	4.93	53	356192	248.913	ug/l	100
16) Acetone	3.77	43	278814	242.749	ug/l	99
17) Carbon Disulfide	4.00	76	426492	49.756	ug/l	100
18) Methyl Acetate	4.28	43	136566	46.971	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	478129	50.000	ug/l	99
20) Methylene Chloride	4.50	84	172091	51.261	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	161077	47.248	ug/l	97
22) Diisopropyl ether	5.90	45	451218	48.639	ug/l	99
23) Vinyl Acetate	5.84	43	1916598	253.046	ug/l	99
24) 1,1-Dichloroethane	5.80	63	283633	47.479	ug/l	100
25) 2-Butanone	6.79	43	439271	245.718	ug/l	99
26) 2,2-Dichloropropane	6.77	77	213782	42.945	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	184551	48.108	ug/l	97
28) Bromochloromethane	7.15	49	114967	44.356	ug/l	100
29) Tetrahydrofuran	7.17	42	294514	251.500	ug/l	99
30) Chloroform	7.33	83	291315	47.930	ug/l	99
31) Cyclohexane	7.61	56	244026	48.293	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	247595	48.305	ug/l	99
36) 1,1-Dichloropropene	7.75	75	218904	47.387	ug/l	99
37) Ethyl Acetate	6.88	43	188829	49.364	ug/l	99
38) Carbon Tetrachloride	7.73	117	212203	48.724	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062079.D
 Acq On : 24 Jun 2020 22:14
 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
 6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	248958	49.186	ug/l	98
40) Benzene	8.00	78	676190	48.025	ug/l	99
41) Methacrylonitrile	7.13	41	81088m	45.725	ug/l	
42) 1,2-Dichloroethane	8.08	62	228060	47.941	ug/l	99
43) Isopropyl Acetate	8.13	43	315098	50.531	ug/l	100
44) Trichloroethene	8.80	130	167168	47.066	ug/l	99
45) 1,2-Dichloropropane	9.08	63	171719	49.435	ug/l	100
46) Dibromomethane	9.17	93	114435	48.590	ug/l	99
47) Bromodichloromethane	9.37	83	235006	49.419	ug/l	97
48) Methyl methacrylate	9.17	41	142212	50.864	ug/l	99
49) 1,4-Dioxane	9.17	88	64568	1041.369	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	948052	260.221	ug/l	100
52) Toluene	10.12	92	434219	50.543	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256898	49.104	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	280456	50.351	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	167157	49.498	ug/l	99
56) Ethyl methacrylate	10.40	69	240765	53.423	ug/l	99
57) 1,3-Dichloropropane	10.68	76	290777	50.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	428879	225.221	ug/l	100
59) 2-Hexanone	10.72	43	700407	266.234	ug/l	100
60) Dibromochloromethane	10.87	129	181309	50.711	ug/l	97
61) 1,2-Dibromoethane	10.98	107	171865	49.529	ug/l	99
64) Tetrachloroethene	10.60	164	139662	47.110	ug/l	98
65) Chlorobenzene	11.41	112	459222	48.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	159718	48.464	ug/l	98
67) Ethyl Benzene	11.48	91	819243	50.897	ug/l	100
68) m/p-Xylenes	11.60	106	635773	102.122	ug/l	99
69) o-Xylene	11.92	106	305720	52.046	ug/l	99
70) Styrene	11.94	104	520900	53.173	ug/l	100
71) Bromoform	12.10	173	121223	51.735	ug/l #	96
73) Isopropylbenzene	12.22	105	800152	49.195	ug/l	100
74) N-amyl acetate	12.05	43	286242	47.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	254415	47.005	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	213982m	43.261	ug/l	
77) Bromobenzene	12.50	156	188082	46.578	ug/l	97
78) n-propylbenzene	12.57	91	928356	49.899	ug/l	100
79) 2-Chlorotoluene	12.65	91	546639	48.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	664106	50.368	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	80118	47.302	ug/l	99
82) 4-Chlorotoluene	12.75	91	563236	48.426	ug/l	100
83) tert-Butylbenzene	12.97	119	558657	49.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	675195	51.273	ug/l	99
85) sec-Butylbenzene	13.15	105	750190	50.314	ug/l	100
86) p-Isopropyltoluene	13.26	119	662781	50.737	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	340684	48.046	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	341649	46.742	ug/l	100
89) n-Butylbenzene	13.59	91	557038	51.290	ug/l	100
90) Hexachloroethane	13.85	117	121321	47.336	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	331509	48.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	43132	49.745	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062079.D
Acq On : 24 Jun 2020 22:14
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
6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	153289	51.032	ug/l	99
94) Hexachlorobutadiene	14.98	225	61668	47.268	ug/l	100
95) Naphthalene	15.10	128	454775	45.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152731	49.727	ug/l	98

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

