

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062643.D
 Acq On : 29 Jul 2020 10:00
 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
 7/30/2020 6:21:00 PM

Quant Time: Jul 30 03:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	179383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	138200	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.54	113	93751	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.06	98	365698	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	140449	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97600	45.614	ug/l	99
3) Chloromethane	2.03	50	115328	39.739	ug/l	97
4) Vinyl Chloride	2.16	62	101979	40.535	ug/l	98
5) Bromomethane	2.51	94	53033	47.593	ug/l	96
6) Chloroethane	2.66	64	53288	46.825	ug/l	99
7) Trichlorofluoromethane	2.98	101	145509	49.261	ug/l	99
8) Diethyl Ether	3.37	74	62234	45.054	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91032	48.067	ug/l	99
10) Methyl Iodide	3.91	142	112373	46.412	ug/l	96
11) Tert butyl alcohol	4.73	59	86716	195.616	ug/l	100
12) 1,1-Dichloroethene	3.69	96	84642	44.068	ug/l	98
13) Acrolein	3.56	56	108112	234.403	ug/l	99
14) Allyl chloride	4.27	41	174079	41.899	ug/l	95
15) Acrylonitrile	4.93	53	269505	226.978	ug/l	99
16) Acetone	3.77	43	268912	256.441	ug/l	100
17) Carbon Disulfide	4.00	76	251975	39.927	ug/l	99
18) Methyl Acetate	4.27	43	123044	46.350	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	333594	47.188	ug/l	99
20) Methylene Chloride	4.49	84	107389	42.699	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	91643	42.989	ug/l	100
22) Diisopropyl ether	5.90	45	362371	43.878	ug/l	99
23) Vinyl Acetate	5.84	43	1530352	226.153	ug/l	99
24) 1,1-Dichloroethane	5.79	63	197823	44.483	ug/l	99
25) 2-Butanone	6.78	43	363817	227.808	ug/l	98
26) 2,2-Dichloropropane	6.77	77	172608	47.280	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	106447	43.759	ug/l	98
28) Bromochloromethane	7.15	49	99109	45.284	ug/l	95
29) Tetrahydrofuran	7.16	42	234869	217.342	ug/l	98
30) Chloroform	7.33	83	195390	46.209	ug/l	97
31) Cyclohexane	7.61	56	170736	41.582	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	171743	48.649	ug/l	98
36) 1,1-Dichloropropene	7.75	75	146808	49.590	ug/l	99
37) Ethyl Acetate	6.88	43	152066	47.652	ug/l	98
38) Carbon Tetrachloride	7.73	117	151381	53.198	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	161226	50.592	ug/l	98
40) Benzene	8.00	78	425053	47.425	ug/l	99
41) Methacrylonitrile	7.12	41	64305	47.018	ug/l	97
42) 1,2-Dichloroethane	8.08	62	172760	52.724	ug/l	98
43) Isopropyl Acetate	8.12	43	248737	48.351	ug/l #	92
44) Trichloroethene	8.80	130	99455	49.207	ug/l	100
45) 1,2-Dichloropropane	9.08	63	119941	47.663	ug/l	98
46) Dibromomethane	9.17	93	73665	50.649	ug/l	98
47) Bromodichloromethane	9.37	83	160417	50.910	ug/l	100
48) Methyl methacrylate	9.16	41	121005	49.481	ug/l	98
49) 1,4-Dioxane	9.17	88	35383	942.043	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	761141	247.275	ug/l	99
52) Toluene	10.12	92	255971	49.184	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	182617	52.061	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	193608	51.438	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	101497	50.279	ug/l	98
56) Ethyl methacrylate	10.40	69	171142	47.313	ug/l	97
57) 1,3-Dichloropropane	10.68	76	186017	50.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	265683	243.665	ug/l	99
59) 2-Hexanone	10.72	43	561381	235.991	ug/l	100
60) Dibromochloromethane	10.87	129	117336	52.102	ug/l	98
61) 1,2-Dibromoethane	10.98	107	104626	49.773	ug/l	99
64) Tetrachloroethene	10.60	164	83397	48.356	ug/l	98
65) Chlorobenzene	11.40	112	268097	48.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103379	49.382	ug/l	98
67) Ethyl Benzene	11.48	91	505803	49.573	ug/l	99
68) m/p-Xylenes	11.59	106	375584	102.414	ug/l	99
69) o-Xylene	11.92	106	174888	50.220	ug/l	96
70) Styrene	11.94	104	312353	53.097	ug/l	99
71) Bromoform	12.10	173	81132	51.616	ug/l #	99
73) Isopropylbenzene	12.22	105	487942	51.934	ug/l	99
74) N-amyl acetate	12.04	43	222045	52.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	153089	46.889	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	150777m	49.853	ug/l	
77) Bromobenzene	12.50	156	114170	50.565	ug/l	97
78) n-propylbenzene	12.56	91	579989	52.700	ug/l	99
79) 2-Chlorotoluene	12.65	91	345417	50.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	429020	55.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55908	51.459	ug/l	96
82) 4-Chlorotoluene	12.75	91	363689	51.517	ug/l	99
83) tert-Butylbenzene	12.97	119	352561	54.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	417668	54.630	ug/l	98
85) sec-Butylbenzene	13.15	105	451895	52.159	ug/l	100
86) p-Isopropyltoluene	13.26	119	394055	52.882	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	192992	48.708	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	189060	48.471	ug/l	99
89) n-Butylbenzene	13.59	91	339765	53.066	ug/l	100
90) Hexachloroethane	13.85	117	69598	43.875	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	181682	47.954	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27188	45.866	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	84837	43.048	ug/l	99
94) Hexachlorobutadiene	14.98	225	55669	54.352	ug/l	99
95) Naphthalene	15.10	128	214155	41.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	84326	47.229	ug/l	99

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

