

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061218.D
 Acq On : 30 Apr 2020 21:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:55:00 AM

Quant Time: May 01 05:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	217496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	203645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97537	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.55	113	61593	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	271203	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	101591	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	66164	49.926	ug/l	99
3) Chloromethane	2.03	50	93438	58.215	ug/l	99
4) Vinyl Chloride	2.16	62	89659	49.182	ug/l	99
5) Bromomethane	2.53	94	35242	39.108	ug/l	97
6) Chloroethane	2.67	64	50763	43.932	ug/l	96
7) Trichlorofluoromethane	2.98	101	104107	50.617	ug/l	100
8) Diethyl Ether	3.37	74	50706	59.105	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69473	52.431	ug/l	99
10) Methyl Iodide	3.91	142	80440	47.238	ug/l	96
11) Tert butyl alcohol	4.73	59	74345	280.655	ug/l	100
12) 1,1-Dichloroethene	3.69	96	69258	52.525	ug/l	100
13) Acrolein	3.56	56	46983	266.149	ug/l	96
14) Allyl chloride	4.27	41	156784	64.128	ug/l	91
15) Acrylonitrile	4.93	53	238442	293.226	ug/l	98
16) Acetone	3.77	43	202776	265.484	ug/l	97
17) Carbon Disulfide	4.01	76	174544	47.920	ug/l	100
18) Methyl Acetate	4.27	43	130043	52.068	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	262395	52.079	ug/l	97
20) Methylene Chloride	4.50	84	81446	52.820	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	74574	51.939	ug/l	99
22) Diisopropyl ether	5.90	45	320876	56.597	ug/l	96
23) Vinyl Acetate	5.84	43	1281092	280.637	ug/l	98
24) 1,1-Dichloroethane	5.80	63	160258	54.101	ug/l	99
25) 2-Butanone	6.78	43	327348	279.752	ug/l	98
26) 2,2-Dichloropropane	6.77	77	114340	45.827	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	86054	51.072	ug/l	99
28) Bromochloromethane	7.15	49	72198	51.423	ug/l	93
29) Tetrahydrofuran	7.17	42	226033	286.761	ug/l	96
30) Chloroform	7.33	83	147118	49.009	ug/l	99
31) Cyclohexane	7.61	56	143898	50.021	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	124307	47.554	ug/l	100
36) 1,1-Dichloropropene	7.75	75	113379	52.075	ug/l	99
37) Ethyl Acetate	6.88	43	137380	53.823	ug/l	99
38) Carbon Tetrachloride	7.73	117	93510	47.207	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	123874	50.733	ug/l	98
40) Benzene	8.00	78	335858	51.778	ug/l	100
41) Methacrylonitrile	7.12	41	60818	57.388	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	120754	49.140	ug/l	99
43) Isopropyl Acetate	8.13	43	227490	53.703	ug/l	99
44) Trichloroethene	8.80	130	83112	47.398	ug/l	97
45) 1,2-Dichloropropane	9.08	63	93443	53.922	ug/l	98
46) Dibromomethane	9.17	93	54218	50.530	ug/l	97
47) Bromodichloromethane	9.37	83	115429	50.120	ug/l	99
48) Methyl methacrylate	9.17	41	103542	54.167	ug/l	98
49) 1,4-Dioxane	9.17	88	23406	1078.703	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	690683	277.002	ug/l	100
52) Toluene	10.12	92	198936	50.917	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	130377	50.241	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	140195	51.101	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	78259	50.217	ug/l	99
56) Ethyl methacrylate	10.40	69	132113	48.723	ug/l	96
57) 1,3-Dichloropropane	10.68	76	144843	52.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	350165	277.591	ug/l	97
59) 2-Hexanone	10.72	43	501618	276.524	ug/l	99
60) Dibromochloromethane	10.87	129	81402	49.873	ug/l	98
61) 1,2-Dibromoethane	10.98	107	78011	49.944	ug/l	98
64) Tetrachloroethene	10.60	164	81089	45.974	ug/l	97
65) Chlorobenzene	11.41	112	202275	50.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73215	50.639	ug/l	99
67) Ethyl Benzene	11.48	91	384923	50.901	ug/l	100
68) m/p-Xylenes	11.60	106	279536	100.989	ug/l	97
69) o-Xylene	11.92	106	134412	50.553	ug/l	98
70) Styrene	11.94	104	230552	51.809	ug/l	99
71) Bromoform	12.10	173	54803	51.574	ug/l #	100
73) Isopropylbenzene	12.22	105	367105	51.365	ug/l	99
74) N-amyl acetate	12.04	43	197114	54.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	114326	51.301	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	113510m	55.381	ug/l	
77) Bromobenzene	12.50	156	83114	50.377	ug/l	97
78) n-propylbenzene	12.56	91	436039	51.437	ug/l	100
79) 2-Chlorotoluene	12.65	91	255034	51.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	308161	52.096	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	40585	50.285	ug/l	99
82) 4-Chlorotoluene	12.75	91	269315	51.283	ug/l	98
83) tert-Butylbenzene	12.97	119	255551	51.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	309288	50.750	ug/l	99
85) sec-Butylbenzene	13.15	105	353442	51.975	ug/l	99
86) p-Isopropyltoluene	13.26	119	314271	51.294	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	149993	49.385	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	152129	49.022	ug/l	99
89) n-Butylbenzene	13.59	91	290915	51.794	ug/l	100
90) Hexachloroethane	13.85	117	34372	53.207	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	144614	49.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23595	50.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88997	50.185	ug/l	100
94) Hexachlorobutadiene	14.98	225	37765	50.975	ug/l	99
95) Naphthalene	15.10	128	283328	49.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88296	50.430	ug/l	99

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

