

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061606.D
 Acq On : 1 Jun 2020 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:01:39 PM

Quant Time: Jun 02 05:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	406978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	645019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	608109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	317088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202981	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	
35) Dibromofluoromethane	7.55	113	162977	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.06	98	703117	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.37	95	258134	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	224914	47.914	ug/l	98
3) Chloromethane	2.03	50	205218	41.343	ug/l	98
4) Vinyl Chloride	2.16	62	281609	41.399	ug/l	100
5) Bromomethane	2.53	94	165074	42.292	ug/l	100
6) Chloroethane	2.67	64	175306	40.039	ug/l	99
7) Trichlorofluoromethane	2.98	101	342767	39.076	ug/l	99
8) Diethyl Ether	3.37	74	115719	43.143	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175870	45.182	ug/l	96
10) Methyl Iodide	3.91	142	243583	45.079	ug/l	98
11) Tert butyl alcohol	4.72	59	129864	201.353	ug/l	100
12) 1,1-Dichloroethene	3.70	96	182072	43.782	ug/l	96
13) Acrolein	3.56	56	49933	269.669	ug/l	95
14) Allyl chloride	4.27	41	220121	40.488	ug/l	97
15) Acrylonitrile	4.93	53	364749	202.615	ug/l	100
16) Acetone	3.77	43	269544	200.474	ug/l	97
17) Carbon Disulfide	4.01	76	407108	44.496	ug/l	97
18) Methyl Acetate	4.27	43	170551	38.854	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	609714	43.019	ug/l	98
20) Methylene Chloride	4.50	84	201255	45.508	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	202633	43.207	ug/l	92
22) Diisopropyl ether	5.90	45	505141	42.156	ug/l	98
23) Vinyl Acetate	5.84	43	1909619	199.948	ug/l	97
24) 1,1-Dichloroethane	5.80	63	321241	42.277	ug/l	98
25) 2-Butanone	6.78	43	428021	186.256	ug/l	98
26) 2,2-Dichloropropane	6.78	77	288905	41.541	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	235467	44.339	ug/l	98
28) Bromochloromethane	7.15	49	129496	45.265	ug/l	92
29) Tetrahydrofuran	7.16	42	282324	186.308	ug/l	97
30) Chloroform	7.33	83	360872	42.928	ug/l	98
31) Cyclohexane	7.61	56	277477	40.604	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	334888	43.720	ug/l	99
36) 1,1-Dichloropropene	7.75	75	263075	46.072	ug/l	99
37) Ethyl Acetate	6.88	43	192033	41.755	ug/l	98
38) Carbon Tetrachloride	7.73	117	277169	50.323	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	324515	46.108	ug/l	96
40) Benzene	8.00	78	802279	45.537	ug/l	100
41) Methacrylonitrile	7.12	41	88365	41.936	ug/l	93
42) 1,2-Dichloroethane	8.08	62	261899	44.402	ug/l	99
43) Isopropyl Acetate	8.12	43	347978	42.055	ug/l	97
44) Trichloroethene	8.80	130	259231	47.877	ug/l	92
45) 1,2-Dichloropropane	9.08	63	192141	45.928	ug/l	100
46) Dibromomethane	9.17	93	145622	45.386	ug/l	96
47) Bromodichloromethane	9.37	83	296282	46.608	ug/l	99
48) Methyl methacrylate	9.17	41	150682	40.476	ug/l	97
49) 1,4-Dioxane	9.16	88	56929	987.125	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	967435	207.480	ug/l	99
52) Toluene	10.12	92	545115	47.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	318147	46.458	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	339881	46.160	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	212928	46.477	ug/l	96
56) Ethyl methacrylate	10.40	69	298860	46.699	ug/l	98
57) 1,3-Dichloropropane	10.68	76	337723	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	605231	221.300	ug/l	97
59) 2-Hexanone	10.72	43	685488	204.704	ug/l	98
60) Dibromochloromethane	10.87	129	254495	48.863	ug/l	99
61) 1,2-Dibromoethane	10.98	107	226564	47.417	ug/l	99
64) Tetrachloroethene	10.60	164	277834	48.536	ug/l	98
65) Chlorobenzene	11.41	112	602484	47.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	226150	48.049	ug/l	99
67) Ethyl Benzene	11.48	91	1037944	47.509	ug/l	98
68) m/p-Xylenes	11.60	106	826446	95.404	ug/l	98
69) o-Xylene	11.92	106	398325	48.412	ug/l	98
70) Styrene	11.94	104	678736	49.814	ug/l	100
71) Bromoform	12.10	173	180111	49.662	ug/l #	99
73) Isopropylbenzene	12.22	105	1058495	45.737	ug/l	100
74) N-amyl acetate	12.04	43	320716	44.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	267505	41.247	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	229995m	39.889	ug/l	
77) Bromobenzene	12.50	156	282306	47.788	ug/l	93
78) n-propylbenzene	12.56	91	1169889	45.280	ug/l	100
79) 2-Chlorotoluene	12.65	91	682045	44.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	889891	46.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	92041	40.822	ug/l	98
82) 4-Chlorotoluene	12.75	91	718358	44.323	ug/l	99
83) tert-Butylbenzene	12.97	119	776279	45.421	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	884836	46.046	ug/l	98
85) sec-Butylbenzene	13.15	105	1002605	45.525	ug/l	100
86) p-Isopropyltoluene	13.26	119	943061	46.499	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	492916	47.119	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	498559	46.783	ug/l	99
89) n-Butylbenzene	13.59	91	788010	46.388	ug/l	100
90) Hexachloroethane	13.85	117	111921	49.899	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	471425	47.156	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	52373	39.596	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	295886	50.607	ug/l	100
94) Hexachlorobutadiene	14.98	225	117135	46.975	ug/l	100
95) Naphthalene	15.10	128	862605	48.472	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284234	49.445	ug/l	99

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

