

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061006.D
 Acq On : 16 Apr 2020 12:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:53:06 AM

Quant Time: Apr 16 12:56:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	172444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	104892	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	7.56	113	81229	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	10.08	98	300124	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.39	95	118575	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	117159	66.226	ug/l	100
3) Chloromethane	2.04	50	156921	50.250	ug/l	100
4) Vinyl Chloride	2.17	62	129302	52.553	ug/l	100
5) Bromomethane	2.54	94	63757	58.130	ug/l	100
6) Chloroethane	2.69	64	76603	54.038	ug/l	100
7) Trichlorofluoromethane	3.00	101	162963	53.587	ug/l	100
8) Diethyl Ether	3.38	74	64258	52.833	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91843	52.416	ug/l	100
10) Methyl Iodide	3.93	142	81138	51.494	ug/l	100
11) Tert butyl alcohol	4.72	59	96113	269.481	ug/l	100
12) 1,1-Dichloroethene	3.71	96	94493	50.476	ug/l	100
13) Acrolein	3.57	56	78005	210.006	ug/l	100
14) Allyl chloride	4.29	41	173740	52.151	ug/l	100
15) Acrylonitrile	4.94	53	275253	266.291	ug/l	100
16) Acetone	3.78	43	256818	294.961	ug/l	100
17) Carbon Disulfide	4.03	76	292151	51.174	ug/l	100
18) Methyl Acetate	4.28	43	157719	63.482	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	328684	50.901	ug/l	100
20) Methylene Chloride	4.52	84	106113	51.235	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	100575	50.416	ug/l	100
22) Diisopropyl ether	5.91	45	373379	53.315	ug/l	100
23) Vinyl Acetate	5.86	43	1485725	261.469	ug/l	100
24) 1,1-Dichloroethane	5.81	63	200853	52.631	ug/l	100
25) 2-Butanone	6.79	43	385218	278.225	ug/l	100
26) 2,2-Dichloropropane	6.79	77	169122	55.459	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	116021	51.038	ug/l	100
28) Bromochloromethane	7.17	49	94051	51.780	ug/l	100
29) Tetrahydrofuran	7.17	42	256577	264.193	ug/l	100
30) Chloroform	7.34	83	187928	51.510	ug/l	100
31) Cyclohexane	7.63	56	196736	50.889	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	162110	51.741	ug/l	100
36) 1,1-Dichloropropene	7.77	75	149988	53.205	ug/l	100
37) Ethyl Acetate	6.89	43	160831	52.532	ug/l	100
38) Carbon Tetrachloride	7.75	117	131254	52.274	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	181910	54.088	ug/l	100
40) Benzene	8.02	78	442447	52.050	ug/l	100
41) Methacrylonitrile	7.14	41	70511m	53.906	ug/l	
42) 1,2-Dichloroethane	8.10	62	152124	52.308	ug/l	100
43) Isopropyl Acetate	8.14	43	266948	53.020	ug/l	100
44) Trichloroethene	8.81	130	109804	51.487	ug/l	100
45) 1,2-Dichloropropane	9.10	63	118854	52.888	ug/l	100
46) Dibromomethane	9.19	93	71057	52.554	ug/l	100
47) Bromodichloromethane	9.38	83	149010	52.844	ug/l	100
48) Methyl methacrylate	9.18	41	121129	53.915	ug/l	100
49) 1,4-Dioxane	9.17	88	32172	1189.157	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	787459	274.362	ug/l	100
52) Toluene	10.14	92	269106	52.473	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	174614	53.873	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	189236	53.094	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	102992	52.206	ug/l	100
56) Ethyl methacrylate	10.42	69	169153	54.929	ug/l	100
57) 1,3-Dichloropropane	10.70	76	181650	52.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	328077	223.312	ug/l	100
59) 2-Hexanone	10.74	43	574289	277.864	ug/l	100
60) Dibromochloromethane	10.89	129	107090	52.727	ug/l	100
61) 1,2-Dibromoethane	10.99	107	104343	52.773	ug/l	100
64) Tetrachloroethene	10.62	164	100675	48.534	ug/l	100
65) Chlorobenzene	11.42	112	272399	51.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	98059	51.343	ug/l	100
67) Ethyl Benzene	11.50	91	517069	52.627	ug/l	100
68) m/p-Xylenes	11.61	106	374634	103.023	ug/l	100
69) o-Xylene	11.94	106	179504	51.722	ug/l	100
70) Styrene	11.96	104	301336	53.031	ug/l	100
71) Bromoform	12.12	173	77156	54.206	ug/l	# 100
73) Isopropylbenzene	12.24	105	485382	51.633	ug/l	100
74) N-amyl acetate	12.06	43	231817	53.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	150105	52.531	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	131471m	48.741	ug/l	
77) Bromobenzene	12.52	156	112646	49.919	ug/l	100
78) n-propylbenzene	12.58	91	585099	52.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	336818	50.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	413281	51.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55076	52.169	ug/l	100
82) 4-Chlorotoluene	12.77	91	351736	51.961	ug/l	100
83) tert-Butylbenzene	12.99	119	342962	51.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	410647	52.032	ug/l	100
85) sec-Butylbenzene	13.17	105	472152	52.917	ug/l	100
86) p-Isopropyltoluene	13.28	119	420553	52.466	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	205516	51.451	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	204579	51.050	ug/l	100
89) n-Butylbenzene	13.61	91	397093	54.599	ug/l	100
90) Hexachloroethane	13.87	117	64155	54.893	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	196301	51.545	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30809	48.121	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	122532	52.423	ug/l	100
94) Hexachlorobutadiene	15.00	225	60436	52.306	ug/l	100
95) Naphthalene	15.13	128	357783	51.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	117386	50.977	ug/l	100

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

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