

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061130.D
 Acq On : 22 Apr 2020 15:07
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:35:03 PM

Quant Time: Apr 22 15:27:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	203673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	332146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	314620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	151530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.77	65	408234	154.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.36%	
35) Dibromofluoromethane	7.31	113	284161	146.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.08%	
50) Toluene-d8	9.88	98	1251783	166.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.14%	
62) 4-Bromofluorobenzene	12.21	95	478555	163.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	297634	129.109	ug/l	100
3) Chloromethane	1.91	50	342922	101.098	ug/l	100
4) Vinyl Chloride	2.03	62	415598	139.690	ug/l	97
5) Bromomethane	2.37	94	201958	135.943	ug/l	100
6) Chloroethane	2.51	64	219202	130.141	ug/l	99
7) Trichlorofluoromethane	2.82	101	437692	121.826	ug/l	100
8) Diethyl Ether	3.17	74	196932	134.813	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.50	101	291282	133.876	ug/l	98
10) Methyl Iodide	3.68	142	436746	204.206	ug/l	99
11) Tert butyl alcohol	4.44	59	251744	565.542	ug/l	100
12) 1,1-Dichloroethene	3.49	96	289925	132.094	ug/l	100
13) Acrolein	3.36	56	229267	619.035	ug/l	100
14) Allyl chloride	4.03	41	384623	96.144	ug/l	98
15) Acrylonitrile	4.64	53	827562	674.516	ug/l	100
16) Acetone	3.55	43	665094	600.684	ug/l	99
17) Carbon Disulfide	3.78	76	893962	130.293	ug/l	99
18) Methyl Acetate	4.02	43	477521	135.818	ug/l	99
19) Methyl tert-butyl Ether	4.69	73	1044052	135.799	ug/l	99
20) Methylene Chloride	4.24	84	337083	136.145	ug/l	99
21) trans-1,2-Dichloroethene	4.70	96	333544	140.460	ug/l	97
22) Diisopropyl ether	5.61	45	1101871	128.701	ug/l	97
23) Vinyl Acetate	5.55	43	4488879	665.156	ug/l	98
24) 1,1-Dichloroethane	5.51	63	599825	128.986	ug/l	100
25) 2-Butanone	6.51	43	1113528	649.382	ug/l	99
26) 2,2-Dichloropropane	6.50	77	537762	137.877	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	375355	138.077	ug/l	99
28) Bromochloromethane	6.89	49	283824	135.058	ug/l	99
29) Tetrahydrofuran	6.90	42	753588	645.527	ug/l	99
30) Chloroform	7.08	83	612395	139.515	ug/l	100
31) Cyclohexane	7.37	56	565515	119.317	ug/l	99
32) 1,1,1-Trichloroethane	7.29	97	542197	142.384	ug/l	99
36) 1,1-Dichloropropene	7.52	75	472209	138.821	ug/l	100
37) Ethyl Acetate	6.61	43	482677	131.733	ug/l	99
38) Carbon Tetrachloride	7.50	117	438597	154.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	578729	141.948	ug/l	99
40) Benzene	7.78	78	1386127	137.361	ug/l	99
41) Methacrylonitrile	6.87	41	239683m	154.351	ug/l	
42) 1,2-Dichloroethane	7.87	62	493311	142.800	ug/l	100
43) Isopropyl Acetate	7.92	43	816745	136.784	ug/l	99
44) Trichloroethene	8.60	130	392439	150.973	ug/l	98
45) 1,2-Dichloropropane	8.89	63	362450	133.477	ug/l	99
46) Dibromomethane	8.98	93	240340	150.970	ug/l	97
47) Bromodichloromethane	9.18	83	490731	147.168	ug/l	100
48) Methyl methacrylate	8.98	41	395457	148.783	ug/l	99
49) 1,4-Dioxane	8.98	88	74209	2300.499	ug/l	99
51) 4-Methyl-2-Pentanone	9.78	43	2380621	689.462	ug/l	97
52) Toluene	9.95	92	890327	146.234	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	587343	151.434	ug/l	100
54) cis-1,3-Dichloropropene	9.63	75	611922	145.144	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	340358	147.417	ug/l	99
56) Ethyl methacrylate	10.23	69	567669	157.252	ug/l	99
57) 1,3-Dichloropropane	10.51	76	580707	141.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	1446250	844.024	ug/l	100
59) 2-Hexanone	10.56	43	1802173	721.755	ug/l	98
60) Dibromochloromethane	10.71	129	381791	160.270	ug/l	99
61) 1,2-Dibromoethane	10.81	107	366092	154.712	ug/l	100
64) Tetrachloroethene	10.43	164	426970	168.035	ug/l	100
65) Chlorobenzene	11.24	112	922002	141.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	339799	145.852	ug/l	99
67) Ethyl Benzene	11.32	91	1715625	140.596	ug/l	99
68) m/p-Xylenes	11.43	106	1303944	293.864	ug/l	96
69) o-Xylene	11.76	106	623777	146.197	ug/l	100
70) Styrene	11.77	104	1079844	157.250	ug/l	100
71) Bromoform	11.93	173	281664	162.092	ug/l #	99
73) Isopropylbenzene	12.06	105	1661117	137.361	ug/l	99
74) N-amyl acetate	11.89	43	779038	139.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	447619	123.847	ug/l	99
76) 1,2,3-Trichloropropane	12.36	75	509584m	150.455	ug/l	
77) Bromobenzene	12.33	156	410172	144.106	ug/l	99
78) n-propylbenzene	12.40	91	1948741	138.180	ug/l	99
79) 2-Chlorotoluene	12.48	91	1139941	137.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	1397504	139.897	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.11	75	202310	149.222	ug/l	100
82) 4-Chlorotoluene	12.58	91	1219380	142.090	ug/l	99
83) tert-Butylbenzene	12.81	119	1196596	141.945	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	1388412	140.508	ug/l	98
85) sec-Butylbenzene	12.99	105	1591006	139.792	ug/l	99
86) p-Isopropyltoluene	13.10	119	1443295	142.025	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	711269	140.875	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	710919	139.644	ug/l	99
89) n-Butylbenzene	13.43	91	1315413	139.747	ug/l	99
90) Hexachloroethane	13.68	117	166163	114.016	ug/l	99
91) 1,2-Dichlorobenzene	13.46	146	657619	136.745	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	99990	141.433	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	452193	157.492	ug/l	99
94) Hexachlorobutadiene	14.82	225	188488	130.361	ug/l	100
95) Naphthalene	14.93	128	1406809	165.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	437379	157.978	ug/l	100

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

