

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056854.D
 Acq On : 22 Jul 2019 13:34
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:01:23 PM

Quant Time: Jul 23 01:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	350417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	528571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	366197	95.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.40%	
35) Dibromofluoromethane	7.59	113	336683	102.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.04%	
50) Toluene-d8	10.09	98	1284604	100.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.76%	
62) 4-Bromofluorobenzene	12.40	95	450431	105.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	435323	123.452	ug/l	99
3) Chloromethane	2.06	50	490093	106.605	ug/l	99
4) Vinyl Chloride	2.18	62	465968	106.015	ug/l	99
5) Bromomethane	2.53	94	263231	102.110	ug/l	97
6) Chloroethane	2.69	64	247375	98.100	ug/l	99
7) Trichlorofluoromethane	3.00	101	550926	99.241	ug/l	98
8) Diethyl Ether	3.40	74	205809	96.753	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	338304	101.183	ug/l	98
10) Methyl Iodide	3.94	142	485618	107.815	ug/l	100
11) Tert butyl alcohol	4.81	59	276978	439.017	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	343089	102.356	ug/l	98
13) Acrolein	3.60	56	220764	763.370	ug/l	99
14) Allyl chloride	4.31	41	580004	101.209	ug/l	99
15) Acrylonitrile	4.99	53	841823	457.221	ug/l	99
16) Acetone	3.82	43	624256	363.883	ug/l	99
17) Carbon Disulfide	4.04	76	971346	108.857	ug/l	100
18) Methyl Acetate	4.32	43	442756	90.240	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1039344	98.495	ug/l	99
20) Methylene Chloride	4.54	84	391643	98.816	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	365264	103.470	ug/l	99
22) Diisopropyl ether	5.95	45	1141259	100.391	ug/l	98
23) Vinyl Acetate	5.90	43	4306947	477.912	ug/l	100
24) 1,1-Dichloroethane	5.84	63	662612	100.441	ug/l	100
25) 2-Butanone	6.84	43	1035719	409.301	ug/l	100
26) 2,2-Dichloropropane	6.82	77	466959	99.196	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	417778	103.135	ug/l	98
28) Bromochloromethane	7.19	49	290918	94.500	ug/l	99
29) Tetrahydrofuran	7.21	42	708767	426.337	ug/l	99
30) Chloroform	7.37	83	642187	97.199	ug/l	99
31) Cyclohexane	7.65	56	627618	99.828	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	548238	104.819	ug/l	99
36) 1,1-Dichloropropene	7.79	75	506246	102.084	ug/l	99
37) Ethyl Acetate	6.93	43	423570	89.665	ug/l	99
38) Carbon Tetrachloride	7.77	117	480957	103.456	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	631660	103.208	ug/l	99
40) Benzene	8.04	78	1529843	100.712	ug/l	99
41) Methacrylonitrile	7.17	41	197820	94.104	ug/l	95
42) 1,2-Dichloroethane	8.12	62	475314	99.339	ug/l	99
43) Isopropyl Acetate	8.17	43	707903	94.638	ug/l #	91
44) Trichloroethene	8.83	130	411070	99.547	ug/l	98
45) 1,2-Dichloropropane	9.12	63	407865	101.283	ug/l	98
46) Dibromomethane	9.21	93	250672	100.750	ug/l	100
47) Bromodichloromethane	9.40	83	499414	105.387	ug/l	98
48) Methyl methacrylate	9.20	41	351009	96.494	ug/l	98
49) 1,4-Dioxane	9.20	88	142956	1901.914	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2131925	443.605	ug/l	100
52) Toluene	10.15	92	947031	104.827	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	545768	110.744	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	623174	108.674	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	366906	97.705	ug/l	99
56) Ethyl methacrylate	10.43	69	562476	105.306	ug/l	99
57) 1,3-Dichloropropane	10.71	76	626176	101.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1215378	483.186	ug/l	100
59) 2-Hexanone	10.75	43	1522493	445.840	ug/l	100
60) Dibromochloromethane	10.90	129	406548	109.937	ug/l	99
61) 1,2-Dibromoethane	11.00	107	386333	103.424	ug/l	99
64) Tetrachloroethene	10.63	164	403546	94.310	ug/l	97
65) Chlorobenzene	11.43	112	1029696	101.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	383112	102.818	ug/l	100
67) Ethyl Benzene	11.51	91	1825071	102.704	ug/l	100
68) m/p-Xylenes	11.62	106	1376739	207.404	ug/l	99
69) o-Xylene	11.95	106	666968	102.174	ug/l	98
70) Styrene	11.96	104	1151154	109.198	ug/l	100
71) Bromoform	12.12	173	297875	106.721	ug/l #	100
73) Isopropylbenzene	12.25	105	1776536	92.118	ug/l	100
74) N-amyl acetate	12.07	43	644071	91.698	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	502869	79.037	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	431802m	84.522	ug/l	
77) Bromobenzene	12.52	156	471944	93.631	ug/l	99
78) n-propylbenzene	12.59	91	2028067	95.202	ug/l	99
79) 2-Chlorotoluene	12.67	91	1183761	89.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1502048	92.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	158407	96.220	ug/l	97
82) 4-Chlorotoluene	12.77	91	1208718	96.624	ug/l	99
83) tert-Butylbenzene	12.99	119	1303108	91.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1493999	93.989	ug/l	100
85) sec-Butylbenzene	13.17	105	1723390	94.982	ug/l	99
86) p-Isopropyltoluene	13.29	119	1582590	96.476	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	803240	97.997	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	785397	98.535	ug/l	100
89) n-Butylbenzene	13.61	91	1349939	102.762	ug/l	99
90) Hexachloroethane	13.87	117	273536	102.288	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	782629	93.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	90546	90.903	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	462698	122.751	ug/l	99
94) Hexachlorobutadiene	15.01	225	271941	90.160	ug/l	99
95) Naphthalene	15.13	128	1224006	121.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	472257	119.856	ug/l	99

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

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