

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056942.D
 Acq On : 26 Jul 2019 11:09
 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
 8/2/2019 9:13:20 AM

Quant Time: Jul 27 00:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	633937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	933524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	836284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	380311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	604710	92.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.52%	
35) Dibromofluoromethane	7.57	113	560098	94.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.22%	
50) Toluene-d8	10.08	98	2149987	95.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.20%	
62) 4-Bromofluorobenzene	12.39	95	719857	98.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	702859	105.092	ug/l	99
3) Chloromethane	2.05	50	761945	95.626	ug/l	100
4) Vinyl Chloride	2.18	62	743592	98.468	ug/l	99
5) Bromomethane	2.53	94	420682	92.218	ug/l	99
6) Chloroethane	2.68	64	400652	95.742	ug/l	99
7) Trichlorofluoromethane	3.00	101	962003	97.675	ug/l	99
8) Diethyl Ether	3.39	74	365534	99.122	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	586801	96.427	ug/l	100
10) Methyl Iodide	3.93	142	871352	99.049	ug/l	100
11) Tert butyl alcohol	4.77	59	477036	505.639	ug/l	99
12) 1,1-Dichloroethene	3.72	96	570353	97.528	ug/l	100
13) Acrolein	3.59	56	227167	437.139	ug/l	100
14) Allyl chloride	4.30	41	959177	100.915	ug/l	100
15) Acrylonitrile	4.96	53	1427155	529.340	ug/l	99
16) Acetone	3.80	43	1211923	539.157	ug/l	99
17) Carbon Disulfide	4.03	76	1536338	97.943	ug/l	99
18) Methyl Acetate	4.30	43	754551	96.594	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	1765727	102.215	ug/l	100
20) Methylene Chloride	4.53	84	643791	92.386	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	599726	95.882	ug/l	98
22) Diisopropyl ether	5.93	45	1901340	98.553	ug/l	100
23) Vinyl Acetate	5.87	43	7142194	534.437	ug/l	99
24) 1,1-Dichloroethane	5.83	63	1101796	97.048	ug/l	99
25) 2-Butanone	6.82	43	1849997	536.329	ug/l	98
26) 2,2-Dichloropropane	6.81	77	862078	103.256	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	697874	97.744	ug/l	99
28) Bromochloromethane	7.18	49	503228	96.591	ug/l	98
29) Tetrahydrofuran	7.19	42	1199955	531.807	ug/l	100
30) Chloroform	7.36	83	1074529	91.933	ug/l	99
31) Cyclohexane	7.64	56	1048637	94.956	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	923788	98.876	ug/l	99
36) 1,1-Dichloropropene	7.78	75	848455	100.710	ug/l	99
37) Ethyl Acetate	6.91	43	727546	105.185	ug/l	99
38) Carbon Tetrachloride	7.76	117	820132	102.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1104711	107.254	ug/l	99
40) Benzene	8.03	78	2564610	98.003	ug/l	99
41) Methacrylonitrile	7.16	41	344198m	111.868	ug/l	
42) 1,2-Dichloroethane	8.11	62	788982	97.763	ug/l	99
43) Isopropyl Acetate	8.15	43	1195453	105.653	ug/l	100
44) Trichloroethene	8.82	130	704744	99.080	ug/l	99
45) 1,2-Dichloropropane	9.11	63	687155	97.937	ug/l	100
46) Dibromomethane	9.19	93	427114	100.795	ug/l	100
47) Bromodichloromethane	9.39	83	845893	102.135	ug/l	99
48) Methyl methacrylate	9.19	41	581670	107.650	ug/l	99
49) 1,4-Dioxane	9.19	88	229280	2050.650	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	3579578	532.115	ug/l	100
52) Toluene	10.15	92	1573065	100.484	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	937724	111.981	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1066195	108.530	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	621574	98.637	ug/l	99
56) Ethyl methacrylate	10.42	69	937297	110.207	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1040464	101.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	2008411	594.731	ug/l	100
59) 2-Hexanone	10.74	43	2583789	559.040	ug/l	99
60) Dibromochloromethane	10.89	129	692469	107.681	ug/l	99
61) 1,2-Dibromoethane	11.00	107	644301	103.336	ug/l	100
64) Tetrachloroethene	10.62	164	667145	89.309	ug/l	99
65) Chlorobenzene	11.43	112	1717587	99.551	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	646703	100.398	ug/l	100
67) Ethyl Benzene	11.50	91	3049811	102.703	ug/l	100
68) m/p-Xylenes	11.61	106	2264612	204.756	ug/l	99
69) o-Xylene	11.94	106	1092440	100.947	ug/l	100
70) Styrene	11.96	104	1876008	109.429	ug/l	99
71) Bromoform	12.12	173	504594	111.622	ug/l	100
73) Isopropylbenzene	12.24	105	2939951	86.252	ug/l	100
74) N-amyl acetate	12.06	43	997576	99.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	837391	84.304	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	700209m	94.030	ug/l	
77) Bromobenzene	12.52	156	765662	87.713	ug/l	97
78) n-propylbenzene	12.58	91	3325803	92.343	ug/l	99
79) 2-Chlorotoluene	12.67	91	1938179	86.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2474945	87.921	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	272426	112.811	ug/l	97
82) 4-Chlorotoluene	12.77	91	1953850	94.955	ug/l	99
83) tert-Butylbenzene	12.99	119	2136946	86.041	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	2436967	91.534	ug/l	100
85) sec-Butylbenzene	13.17	105	2848041	90.811	ug/l	100
86) p-Isopropyltoluene	13.28	119	2617623	94.332	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1280592	98.192	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1250871	99.868	ug/l	99
89) n-Butylbenzene	13.61	91	2206589	102.886	ug/l	99
90) Hexachloroethane	13.87	117	452506	91.547	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1231711	93.166	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	136182	100.365	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	678560	122.994	ug/l	100
94) Hexachlorobutadiene	15.00	225	448747	83.669	ug/l	98
95) Naphthalene	15.12	128	1713307	124.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	692055	116.859	ug/l	99

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

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