

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042919\
 Data File : VN055287.D
 Acq On : 29 Apr 2019 11:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:59:10 AM

Quant Time: Apr 30 03:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	432078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	539219	92.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.48%	
35) Dibromofluoromethane	7.59	113	430317	91.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.74%	
50) Toluene-d8	10.09	98	1625688	93.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.38%	
62) 4-Bromofluorobenzene	12.40	95	545203	99.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	522268	95.267	ug/l	100
3) Chloromethane	2.06	50	613271	91.363	ug/l	99
4) Vinyl Chloride	2.19	62	487434	90.697	ug/l	100
5) Bromomethane	2.55	94	266959	85.091	ug/l	98
6) Chloroethane	2.70	64	262411	91.897	ug/l	98
7) Trichlorofluoromethane	3.02	101	689498	93.517	ug/l	98
8) Diethyl Ether	3.41	74	252605	96.062	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	414051	90.012	ug/l	100
10) Methyl Iodide	3.95	142	634238	98.995	ug/l	100
11) Tert butyl alcohol	4.79	59	163849	484.409	ug/l	99
12) 1,1-Dichloroethene	3.74	96	404688	92.273	ug/l	99
13) Acrolein	3.61	56	127611	303.542	ug/l	99
14) Allyl chloride	4.33	41	859854	98.175	ug/l	99
15) Acrylonitrile	4.99	53	894570	481.342	ug/l	99
16) Acetone	3.82	43	779813	421.084	ug/l	98
17) Carbon Disulfide	4.06	76	1116186	91.877	ug/l	99
18) Methyl Acetate	4.32	43	422707	80.098	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1187394	96.919	ug/l	100
20) Methylene Chloride	4.55	84	471230	85.475	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	424688	92.299	ug/l	97
22) Diisopropyl ether	5.95	45	1703231	97.252	ug/l	100
23) Vinyl Acetate	5.90	43	6102024	522.003	ug/l	100
24) 1,1-Dichloroethane	5.85	63	876455	93.611	ug/l	100
25) 2-Butanone	6.83	43	1115119	455.775	ug/l	99
26) 2,2-Dichloropropane	6.83	77	623372	97.845	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	493484	92.628	ug/l	98
28) Bromochloromethane	7.20	49	444353	93.037	ug/l	99
29) Tetrahydrofuran	7.21	42	717366	471.332	ug/l	99
30) Chloroform	7.37	83	828875	92.962	ug/l	100
31) Cyclohexane	7.65	56	820184	76.525	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	696641	97.431	ug/l	99
36) 1,1-Dichloropropene	7.79	75	629686	98.627	ug/l	100
37) Ethyl Acetate	6.93	43	487423	94.543	ug/l	98
38) Carbon Tetrachloride	7.77	117	597390	99.187	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	693844	91.252	ug/l	99
40) Benzene	8.04	78	1873327	94.492	ug/l	100
41) Methacrylonitrile	7.18	41	277917	102.554	ug/l	98
42) 1,2-Dichloroethane	8.12	62	650599	94.031	ug/l	100
43) Isopropyl Acetate	8.16	43	851394	101.460	ug/l	99
44) Trichloroethene	8.84	130	468339	93.682	ug/l	99
45) 1,2-Dichloropropane	9.12	63	530894	94.609	ug/l	100
46) Dibromomethane	9.21	93	290275	90.854	ug/l	99
47) Bromodichloromethane	9.40	83	647271	100.740	ug/l	98
48) Methyl methacrylate	9.20	41	407521	99.561	ug/l	97
49) 1,4-Dioxane	9.20	88	85042	1841.821	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2339280	484.580	ug/l	99
52) Toluene	10.16	92	1090372	94.284	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	644069	109.269	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	766417	104.786	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	397721	92.743	ug/l	98
56) Ethyl methacrylate	10.43	69	562614	105.631	ug/l	100
57) 1,3-Dichloropropane	10.71	76	719275	96.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	839115	510.453	ug/l	100
59) 2-Hexanone	10.75	43	1465432	486.316	ug/l	99
60) Dibromochloromethane	10.90	129	452707	102.351	ug/l	100
61) 1,2-Dibromoethane	11.00	107	392579	97.786	ug/l	99
64) Tetrachloroethene	10.63	164	425828	85.544	ug/l	99
65) Chlorobenzene	11.43	112	1136747	91.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	440679	95.116	ug/l	100
67) Ethyl Benzene	11.51	91	2085122	94.005	ug/l	99
68) m/p-Xylenes	11.62	106	1500151	189.187	ug/l	99
69) o-Xylene	11.95	106	733629	93.132	ug/l	100
70) Styrene	11.96	104	1241967	101.946	ug/l	100
71) Bromoform	12.13	173	283603	103.531	ug/l #	98
73) Isopropylbenzene	12.25	105	1963345	78.815	ug/l	100
74) N-amyl acetate	12.07	43	660255	99.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	488970	74.418	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	463277m	87.266	ug/l	
77) Bromobenzene	12.53	156	478398	84.002	ug/l	99
78) n-propylbenzene	12.59	91	2234730	86.022	ug/l	100
79) 2-Chlorotoluene	12.67	91	1346832	82.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1624739	83.899	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	131736	95.014	ug/l	98
82) 4-Chlorotoluene	12.77	91	1328837	88.415	ug/l	100
83) tert-Butylbenzene	12.99	119	1377468	79.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1591351	87.193	ug/l	100
85) sec-Butylbenzene	13.17	105	1792470	81.739	ug/l	99
86) p-Isopropyltoluene	13.29	119	1581422	87.665	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	795763	91.522	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	778231	91.795	ug/l	100
89) n-Butylbenzene	13.61	91	1345599	101.278	ug/l	100
90) Hexachloroethane	13.87	117	280986	87.336	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	762060	85.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71537	91.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	357911	115.445	ug/l	98
94) Hexachlorobutadiene	15.01	225	246714	76.553	ug/l	97
95) Naphthalene	15.13	128	765165	117.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	347903	108.064	ug/l	99

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

