

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052955.D
 Acq On : 18 Dec 2018 12:15
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:28 PM

Quant Time: Dec 18 12:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 12:20:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1065911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1638187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1477328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	728382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1126113	106.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.54%	
35) Dibromofluoromethane	7.59	113	816875	117.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.42%	
50) Toluene-d8	10.09	98	4174709	106.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.02%	
62) 4-Bromofluorobenzene	12.40	95	1465504	106.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1045163	95.073	ug/l	100
3) Chloromethane	2.06	50	1277911	96.180	ug/l	99
4) Vinyl Chloride	2.19	62	1295720	96.653	ug/l	100
5) Bromomethane	2.56	94	844288	88.323	ug/l	100
6) Chloroethane	2.71	64	765085	95.945	ug/l	98
7) Trichlorofluoromethane	3.02	101	1629552	97.816	ug/l	100
8) Diethyl Ether	3.41	74	622809	99.714	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1023118	95.638	ug/l	99
10) Methyl Iodide	3.96	142	1568957	110.782	ug/l	99
11) Tert butyl alcohol	4.77	59	335430	515.456	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1001462	97.587	ug/l	99
13) Acrolein	3.61	56	300768	516.980	ug/l	100
14) Allyl chloride	4.33	41	1571717	101.173	ug/l	97
15) Acrylonitrile	4.98	53	1795449	484.156	ug/l	99
16) Acetone	3.81	43	1037759	485.766	ug/l	97
17) Carbon Disulfide	4.06	76	3127750	91.676	ug/l	100
18) Methyl Acetate	4.32	43	958490	95.303	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	2729351	100.357	ug/l	99
20) Methylene Chloride	4.55	84	1117843	94.678	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1065293	96.081	ug/l	99
22) Diisopropyl ether	5.95	45	3361250	99.724	ug/l	97
23) Vinyl Acetate	5.89	43	9464366	484.967	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1969417	97.623	ug/l	99
25) 2-Butanone	6.83	43	1841210	525.954	ug/l	98
26) 2,2-Dichloropropane	6.82	77	1494947	97.034	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1220723	97.988	ug/l	100
28) Bromochloromethane	7.19	49	887079	103.167	ug/l	96
29) Tetrahydrofuran	7.21	42	1327742	498.472	ug/l	98
30) Chloroform	7.37	83	1924248	96.846	ug/l	99
31) Cyclohexane	7.65	56	1865765	78.167	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1652290	98.239	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1536138	96.390	ug/l	100
37) Ethyl Acetate	6.93	43	894423	102.617	ug/l	98
38) Carbon Tetrachloride	7.77	117	1457360	101.557	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1883474	97.734	ug/l	98
40) Benzene	8.04	78	4571121	96.397	ug/l	99
41) Methacrylonitrile	7.17	41	522357	104.038	ug/l	95
42) 1,2-Dichloroethane	8.12	62	1347277	95.768	ug/l	99
43) Isopropyl Acetate	8.16	43	1680765	80.525	ug/l	97
44) Trichloroethene	8.83	130	1330045	97.210	ug/l	98
45) 1,2-Dichloropropane	9.12	63	1202983	97.866	ug/l	100
46) Dibromomethane	9.21	93	694124	96.575	ug/l	98
47) Bromodichloromethane	9.40	83	1489533	98.135	ug/l	100
48) Methyl methacrylate	9.20	41	853660	100.385	ug/l	98
49) 1,4-Dioxane	9.20	88	208096	1905.003	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	4292710	505.409	ug/l	99
52) Toluene	10.16	92	2847550	97.208	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1611711	102.540	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1840483	101.589	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	990853	96.812	ug/l	99
56) Ethyl methacrylate	10.43	69	1375542	104.159	ug/l	97
57) 1,3-Dichloropropane	10.71	76	1721141	98.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	3816887	529.115	ug/l	98
59) 2-Hexanone	10.75	43	2907492	506.077	ug/l	99
60) Dibromochloromethane	10.90	129	1151684	99.238	ug/l	100
61) 1,2-Dibromoethane	11.00	107	1025756	99.775	ug/l	99
64) Tetrachloroethene	10.63	164	1545045	94.457	ug/l	99
65) Chlorobenzene	11.43	112	3156823	94.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1128675	98.647	ug/l	100
67) Ethyl Benzene	11.51	91	5501775	96.466	ug/l	100
68) m/p-Xylenes	11.62	106	4195236	193.482	ug/l	99
69) o-Xylene	11.95	106	2030142	97.914	ug/l	100
70) Styrene	11.96	104	3389043	101.393	ug/l	99
71) Bromoform	12.13	173	828585	100.983	ug/l #	99
73) Isopropylbenzene	12.25	105	5378096	91.442	ug/l	99
74) N-amyl acetate	12.07	43	1561864	97.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	1023776	87.876	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1206551m	97.774	ug/l	
77) Bromobenzene	12.53	156	1397421	91.392	ug/l	98
78) n-propylbenzene	12.59	91	6193939	93.028	ug/l	99
79) 2-Chlorotoluene	12.67	91	3602880	84.846	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4396684	91.941	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	393367	105.784	ug/l	93
82) 4-Chlorotoluene	12.77	91	3733803	92.412	ug/l	99
83) tert-Butylbenzene	12.99	119	3818986	89.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4505578	94.628	ug/l	100
85) sec-Butylbenzene	13.17	105	5194945	90.392	ug/l	99
86) p-Isopropyltoluene	13.29	119	4610624	94.236	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2505908	93.425	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2491894	90.918	ug/l	100
89) n-Butylbenzene	13.62	91	3964354	94.253	ug/l	99
90) Hexachloroethane	13.87	117	745346	102.344	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2341387	91.865	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	179573	89.963	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1297275	84.215	ug/l	100
94) Hexachlorobutadiene	15.01	225	670606	70.753	ug/l	100
95) Naphthalene	15.13	128	2856452	83.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1163761	79.919	ug/l	100

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

