

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053562.D
 Acq On : 30 Jan 2019 10:39
 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
 2/1/2019 9:18:29 AM

Quant Time: Jan 30 11:02:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 30 10:45:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	719516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1072924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	966800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	478403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	716120	99.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.00%	
35) Dibromofluoromethane	7.59	113	693186	103.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.68%	
50) Toluene-d8	10.09	98	2637276	106.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.28%	
62) 4-Bromofluorobenzene	12.40	95	898305	110.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	829434	117.985	ug/l	100
3) Chloromethane	2.06	50	891215	107.650	ug/l	99
4) Vinyl Chloride	2.19	62	866546	106.618	ug/l	100
5) Bromomethane	2.57	94	544597	100.810	ug/l	99
6) Chloroethane	2.71	64	483215	102.950	ug/l	98
7) Trichlorofluoromethane	3.02	101	1130364	100.265	ug/l	99
8) Diethyl Ether	3.41	74	420079	103.346	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	694606	99.082	ug/l	99
10) Methyl Iodide	3.95	142	1143192	108.408	ug/l	100
11) Tert butyl alcohol	4.78	59	227334	561.985	ug/l	99
12) 1,1-Dichloroethene	3.74	96	683562	103.682	ug/l	99
13) Acrolein	3.61	56	157301	1203.007	ug/l	98
14) Allyl chloride	4.33	41	1107610	106.672	ug/l	99
15) Acrylonitrile	4.99	53	1219670	545.419	ug/l	99
16) Acetone	3.82	43	875328	460.402	ug/l	99
17) Carbon Disulfide	4.06	76	2131560	104.090	ug/l	100
18) Methyl Acetate	4.32	43	533874	96.351	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1795269	109.573	ug/l	99
20) Methylene Chloride	4.55	84	751507	95.022	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	727652	101.336	ug/l	99
22) Diisopropyl ether	5.95	45	2103724	111.212	ug/l	98
23) Vinyl Acetate	5.90	43	7495220	580.653	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1310079	99.535	ug/l	100
25) 2-Butanone	6.83	43	1365537	526.896	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1010509	101.372	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	816787	103.109	ug/l	99
28) Bromochloromethane	7.19	49	564944	98.395	ug/l	96
29) Tetrahydrofuran	7.21	42	897487	545.447	ug/l	99
30) Chloroform	7.37	83	1287518	98.092	ug/l	100
31) Cyclohexane	7.65	56	1232409	85.788	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1108667	103.631	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1022056	108.258	ug/l	99
37) Ethyl Acetate	6.93	43	590499	114.510	ug/l	98
38) Carbon Tetrachloride	7.77	117	1006993	104.453	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1260003	114.864	ug/l	99
40) Benzene	8.04	78	3066404	103.727	ug/l	99
41) Methacrylonitrile	7.18	41	352610	127.768	ug/l	96
42) 1,2-Dichloroethane	8.12	62	898486	101.456	ug/l	99
43) Isopropyl Acetate	8.16	43	1090165	106.456	ug/l	100
44) Trichloroethene	8.84	130	866352	102.445	ug/l	98
45) 1,2-Dichloropropane	9.12	63	786690	104.557	ug/l	99
46) Dibromomethane	9.21	93	466720	101.575	ug/l	98
47) Bromodichloromethane	9.40	83	988347	104.902	ug/l	98
48) Methyl methacrylate	9.20	41	534480	111.789	ug/l	96
49) 1,4-Dioxane	9.20	88	146600	2571.944	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	2845048	587.270	ug/l	100
52) Toluene	10.16	92	1870263	108.514	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1060683	117.570	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1211238	110.701	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	664678	105.990	ug/l	99
56) Ethyl methacrylate	10.43	69	863531	124.059	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1130451	105.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2399777	612.180	ug/l	99
59) 2-Hexanone	10.75	43	1920300	584.433	ug/l	99
60) Dibromochloromethane	10.90	129	777198	112.656	ug/l	100
61) 1,2-Dibromoethane	11.01	107	662318	107.620	ug/l	100
64) Tetrachloroethene	10.63	164	827002	98.896	ug/l	99
65) Chlorobenzene	11.44	112	2081864	101.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	743093	105.377	ug/l	99
67) Ethyl Benzene	11.51	91	3530158	106.981	ug/l	100
68) m/p-Xylenes	11.62	106	2744088	219.229	ug/l	99
69) o-Xylene	11.95	106	1320242	109.096	ug/l	99
70) Styrene	11.97	104	2194250	113.412	ug/l	100
71) Bromoform	12.13	173	543909	117.384	ug/l #	99
73) Isopropylbenzene	12.25	105	3398050	101.263	ug/l	100
74) N-amyl acetate	12.07	43	885925	115.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	794374	97.696	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	611283m	99.407	ug/l	
77) Bromobenzene	12.53	156	923908	102.690	ug/l	99
78) n-propylbenzene	12.59	91	4015500	104.644	ug/l	99
79) 2-Chlorotoluene	12.68	91	2324773	101.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2911931	106.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	236522	114.777	ug/l	98
82) 4-Chlorotoluene	12.77	91	2432104	103.912	ug/l	100
83) tert-Butylbenzene	12.99	119	2496116	101.563	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2994459	107.728	ug/l	100
85) sec-Butylbenzene	13.17	105	3441348	103.559	ug/l	100
86) p-Isopropyltoluene	13.29	119	3074620	107.224	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1648588	101.459	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1641415	102.461	ug/l	99
89) n-Butylbenzene	13.62	91	2713570	110.581	ug/l	100
90) Hexachloroethane	13.88	117	497171	105.076	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1590689	101.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	119794	106.257	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	999015	117.987	ug/l	100
94) Hexachlorobutadiene	15.01	225	555180	97.594	ug/l	99
95) Naphthalene	15.13	128	2149961	129.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	905791	114.202	ug/l	100

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

