

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054940.D
 Acq On : 4 Apr 2019 11:31
 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
 4/8/2019 1:44:10 PM

Quant Time: Apr 05 02:15:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	464640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	747081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	668624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	606093	98.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.88%	
35) Dibromofluoromethane	7.59	113	489120	100.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.16%	
50) Toluene-d8	10.09	98	1899164	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
62) 4-Bromofluorobenzene	12.40	95	653612	106.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	564417	101.588	ug/l	99
3) Chloromethane	2.06	50	708336	96.427	ug/l	99
4) Vinyl Chloride	2.19	62	621079	96.767	ug/l	98
5) Bromomethane	2.57	94	347185	94.764	ug/l	100
6) Chloroethane	2.71	64	332359	92.846	ug/l	97
7) Trichlorofluoromethane	3.02	101	743951	95.465	ug/l	100
8) Diethyl Ether	3.41	74	235041	94.701	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	381503	92.401	ug/l	99
10) Methyl Iodide	3.95	142	588482	101.115	ug/l	100
11) Tert butyl alcohol	4.82	59	154998	488.889	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	379989	92.778	ug/l	99
13) Acrolein	3.61	56	245410	566.026	ug/l	99
14) Allyl chloride	4.32	41	948539	102.081	ug/l	97
15) Acrylonitrile	4.99	53	918801	484.666	ug/l	99
16) Acetone	3.82	43	742705	446.073	ug/l	100
17) Carbon Disulfide	4.04	76	1333979	102.321	ug/l	100
18) Methyl Acetate	4.33	43	395894	86.833	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1292951	97.327	ug/l	100
20) Methylene Chloride	4.55	84	532846	93.716	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	499261	97.785	ug/l	98
22) Diisopropyl ether	5.96	45	1870506	100.194	ug/l	97
23) Vinyl Acetate	5.90	43	6879336	529.563	ug/l	100
24) 1,1-Dichloroethane	5.85	63	982450	96.502	ug/l	99
25) 2-Butanone	6.85	43	1184731	515.025	ug/l	98
26) 2,2-Dichloropropane	6.82	77	717411	100.522	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	573148	98.776	ug/l	99
28) Bromochloromethane	7.19	49	454836	95.366	ug/l	99
29) Tetrahydrofuran	7.22	42	742660	492.559	ug/l	99
30) Chloroform	7.37	83	936439	97.057	ug/l	99
31) Cyclohexane	7.65	56	963429	82.877	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	795338	97.685	ug/l	99
36) 1,1-Dichloropropene	7.79	75	745602	100.725	ug/l	99
37) Ethyl Acetate	6.94	43	514556	101.292	ug/l	99
38) Carbon Tetrachloride	7.77	117	694090	97.093	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	842107	103.407	ug/l	99
40) Benzene	8.04	78	2156743	101.255	ug/l	100
41) Methacrylonitrile	7.18	41	298393	102.729	ug/l	95
42) 1,2-Dichloroethane	8.12	62	732032	97.802	ug/l	99
43) Isopropyl Acetate	8.17	43	896862	104.756	ug/l	100
44) Trichloroethene	8.83	130	553381	101.608	ug/l	100
45) 1,2-Dichloropropane	9.12	63	594698	100.205	ug/l	98
46) Dibromomethane	9.21	93	333703	99.155	ug/l	99
47) Bromodichloromethane	9.40	83	729442	103.192	ug/l	99
48) Methyl methacrylate	9.20	41	468089	108.003	ug/l	99
49) 1,4-Dioxane	9.20	88	88302	2018.560	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2493599	522.098	ug/l	100
52) Toluene	10.16	92	1294335	103.092	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	743631	113.985	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	873971	109.852	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	457286	100.457	ug/l	99
56) Ethyl methacrylate	10.43	69	648996	109.045	ug/l	98
57) 1,3-Dichloropropane	10.71	76	808685	101.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1343335	571.226	ug/l	100
59) 2-Hexanone	10.75	43	1588969	532.634	ug/l	99
60) Dibromochloromethane	10.90	129	521423	109.358	ug/l	99
61) 1,2-Dibromoethane	11.00	107	461114	107.737	ug/l	99
64) Tetrachloroethene	10.63	164	506956	94.010	ug/l	99
65) Chlorobenzene	11.43	112	1365244	100.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	518232	103.858	ug/l	99
67) Ethyl Benzene	11.51	91	2500611	101.763	ug/l	100
68) m/p-Xylenes	11.62	106	1839001	204.725	ug/l	99
69) o-Xylene	11.95	106	889791	101.552	ug/l	99
70) Styrene	11.96	104	1516167	107.881	ug/l	100
71) Bromoform	12.13	173	332091	110.725	ug/l #	100
73) Isopropylbenzene	12.25	105	2387178	92.102	ug/l	99
74) N-amyl acetate	12.07	43	754262	104.696	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	559740	87.921	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	457495m	91.715	ug/l	
77) Bromobenzene	12.53	156	590991	94.153	ug/l	98
78) n-propylbenzene	12.59	91	2726173	95.468	ug/l	100
79) 2-Chlorotoluene	12.67	91	1613090	91.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1998480	93.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	147688	117.523	ug/l	94
82) 4-Chlorotoluene	12.77	91	1644859	98.264	ug/l	99
83) tert-Butylbenzene	12.99	119	1671349	92.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1991711	96.709	ug/l	100
85) sec-Butylbenzene	13.17	105	2178539	93.016	ug/l	99
86) p-Isopropyltoluene	13.29	119	1970730	97.657	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1019985	97.688	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	986617	99.263	ug/l	99
89) n-Butylbenzene	13.61	91	1708810	105.955	ug/l	99
90) Hexachloroethane	13.87	117	343146	101.228	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	972288	94.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86433	97.422	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	546071	119.734	ug/l	100
94) Hexachlorobutadiene	15.01	225	303334	88.445	ug/l	96
95) Naphthalene	15.13	128	1183573	118.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	521398	110.757	ug/l	100

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

