

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055978.D
 Acq On : 4 Jun 2019 9:37
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 4:03:35 PM

Quant Time: Jun 04 10:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:05:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	339553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	492092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	169848	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.59	113	152652	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.09	98	582605	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	201179	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	187819	64.330	ug/l	100
3) Chloromethane	2.06	50	193713	55.478	ug/l	99
4) Vinyl Chloride	2.18	62	194913	55.713	ug/l	99
5) Bromomethane	2.54	94	120805	45.438	ug/l	98
6) Chloroethane	2.69	64	111059	51.375	ug/l	99
7) Trichlorofluoromethane	3.01	101	240221	51.257	ug/l	98
8) Diethyl Ether	3.40	74	97002	49.313	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	145059	51.021	ug/l	100
10) Methyl Iodide	3.94	142	233666	54.389	ug/l	99
11) Tert butyl alcohol	4.81	59	146755	249.938	ug/l	100
12) 1,1-Dichloroethene	3.72	96	146589	53.048	ug/l	98
13) Acrolein	3.60	56	41938	250.771	ug/l	98
14) Allyl chloride	4.31	41	230947	53.379	ug/l	99
15) Acrylonitrile	4.99	53	377185	280.252	ug/l	99
16) Acetone	3.82	43	412575	249.750	ug/l	99
17) Carbon Disulfide	4.04	76	359185	58.977	ug/l	99
18) Methyl Acetate	4.32	43	157699	40.082	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	459915	50.920	ug/l	99
20) Methylene Chloride	4.54	84	164394	49.101	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	156013	52.050	ug/l	97
22) Diisopropyl ether	5.95	45	465214	50.468	ug/l	98
23) Vinyl Acetate	5.89	43	1946348	287.122	ug/l	100
24) 1,1-Dichloroethane	5.84	63	272051	50.927	ug/l	99
25) 2-Butanone	6.84	43	534470	273.497	ug/l	99
26) 2,2-Dichloropropane	6.82	77	212419	51.404	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	182524	51.344	ug/l	97
28) Bromochloromethane	7.19	49	133022	53.295	ug/l	98
29) Tetrahydrofuran	7.21	42	324774	265.764	ug/l	99
30) Chloroform	7.37	83	274345	51.125	ug/l	99
31) Cyclohexane	7.65	56	259128	45.642	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	231209	53.126	ug/l	99
36) 1,1-Dichloropropene	7.79	75	208246	48.748	ug/l	100
37) Ethyl Acetate	6.93	43	197322	55.398	ug/l	100
38) Carbon Tetrachloride	7.77	117	197263	52.073	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	263806	50.501	ug/l	100
40) Benzene	8.04	78	649883	50.850	ug/l	99
41) Methacrylonitrile	7.17	41	83507	50.453	ug/l	86
42) 1,2-Dichloroethane	8.12	62	203582	48.124	ug/l	99
43) Isopropyl Acetate	8.17	43	316675	55.081	ug/l #	91
44) Trichloroethene	8.83	130	184432	49.794	ug/l	100
45) 1,2-Dichloropropane	9.12	63	164920	50.456	ug/l	99
46) Dibromomethane	9.21	93	108676	51.380	ug/l	99
47) Bromodichloromethane	9.40	83	202476	55.372	ug/l	98
48) Methyl methacrylate	9.20	41	150008	52.401	ug/l	97
49) 1,4-Dioxane	9.20	88	66059	1066.884	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	976226	264.360	ug/l	100
52) Toluene	10.15	92	407628	52.316	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	215937	61.350	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	248232	58.767	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	161161	52.112	ug/l	99
56) Ethyl methacrylate	10.43	69	241905	56.882	ug/l	98
57) 1,3-Dichloropropane	10.71	76	262499	52.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	420034	296.417	ug/l	100
59) 2-Hexanone	10.75	43	703355	263.516	ug/l	99
60) Dibromochloromethane	10.90	129	165595	63.097	ug/l	99
61) 1,2-Dibromoethane	11.00	107	166108	54.341	ug/l	98
64) Tetrachloroethene	10.63	164	184715	45.849	ug/l	98
65) Chlorobenzene	11.43	112	433591	49.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156330	54.929	ug/l	100
67) Ethyl Benzene	11.51	91	764170	50.611	ug/l	99
68) m/p-Xylenes	11.62	106	588920	103.366	ug/l	99
69) o-Xylene	11.95	106	288446	50.835	ug/l	99
70) Styrene	11.96	104	478541	57.081	ug/l	99
71) Bromoform	12.13	173	119907	66.458	ug/l #	99
73) Isopropylbenzene	12.25	105	752432	40.936	ug/l	99
74) N-amyl acetate	12.07	43	261507	45.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	220069	42.149	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176077m	40.766	ug/l	
77) Bromobenzene	12.53	156	203383	43.018	ug/l	95
78) n-propylbenzene	12.59	91	818400	44.615	ug/l	100
79) 2-Chlorotoluene	12.67	91	494157	40.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	624758	41.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57584	59.054	ug/l	93
82) 4-Chlorotoluene	12.77	91	479233	45.281	ug/l	99
83) tert-Butylbenzene	12.99	119	553166	40.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	620834	45.164	ug/l	99
85) sec-Butylbenzene	13.17	105	716195	43.282	ug/l	99
86) p-Isopropyltoluene	13.29	119	655718	45.638	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	330781	48.319	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	316971	48.597	ug/l	99
89) n-Butylbenzene	13.61	91	505868	51.456	ug/l	100
90) Hexachloroethane	13.87	117	101203	49.153	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	327933	46.138	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35483	57.202	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	164609	66.180	ug/l	100
94) Hexachlorobutadiene	15.01	225	119657	40.384	ug/l	99
95) Naphthalene	15.13	128	439695	68.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	176252	62.680	ug/l	99

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

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