

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056853.D
 Acq On : 22 Jul 2019 13:10
 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
 7/25/2019 3:01:18 PM

Quant Time: Jul 23 01:26:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	479037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	183144	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	165760	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	639065	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	213926	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	223064	63.958	ug/l	100
3) Chloromethane	2.06	50	255089	56.100	ug/l	100
4) Vinyl Chloride	2.18	62	239222	55.029	ug/l	100
5) Bromomethane	2.55	94	135588	53.178	ug/l	100
6) Chloroethane	2.69	64	125452	50.300	ug/l	100
7) Trichlorofluoromethane	3.01	101	278329	50.691	ug/l	100
8) Diethyl Ether	3.40	74	102307	48.627	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	172339	52.115	ug/l	100
10) Methyl Iodide	3.94	142	248070	55.685	ug/l	100
11) Tert butyl alcohol	4.81	59	139377	223.359	ug/l	100
12) 1,1-Dichloroethene	3.72	96	172463	52.021	ug/l	100
13) Acrolein	3.60	56	117365	410.319	ug/l	100
14) Allyl chloride	4.31	41	285546	50.378	ug/l	100
15) Acrylonitrile	4.99	53	425755	233.799	ug/l	100
16) Acetone	3.82	43	322424	190.021	ug/l	100
17) Carbon Disulfide	4.04	76	476305	53.969	ug/l	100
18) Methyl Acetate	4.33	43	227012	46.780	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	519575	49.783	ug/l	100
20) Methylene Chloride	4.54	84	200922	51.256	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	182483	52.264	ug/l	100
22) Diisopropyl ether	5.95	45	588576	52.347	ug/l	100
23) Vinyl Acetate	5.90	43	2165588	242.958	ug/l	100
24) 1,1-Dichloroethane	5.84	63	335779	51.462	ug/l	100
25) 2-Butanone	6.84	43	518820	207.298	ug/l	100
26) 2,2-Dichloropropane	6.82	77	232291	49.891	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	208647	52.077	ug/l	100
28) Bromochloromethane	7.19	49	153352	50.365	ug/l	100
29) Tetrahydrofuran	7.21	42	359810	218.826	ug/l	100
30) Chloroform	7.37	83	327978	50.190	ug/l	100
31) Cyclohexane	7.65	56	319973	51.457	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	274023	52.970	ug/l	100
36) 1,1-Dichloropropene	7.79	75	253291	51.427	ug/l	100
37) Ethyl Acetate	6.93	43	217996	46.465	ug/l	100
38) Carbon Tetrachloride	7.77	117	239878	51.953	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	317177	52.180	ug/l	100
40) Benzene	8.04	78	782591	51.873	ug/l	100
41) Methacrylonitrile	7.17	41	100116	47.953	ug/l	100
42) 1,2-Dichloroethane	8.12	62	242626	51.056	ug/l	100
43) Isopropyl Acetate	8.17	43	351519	47.317	ug/l	100
44) Trichloroethene	8.83	130	209664	51.122	ug/l	100
45) 1,2-Dichloropropane	9.12	63	207471	51.874	ug/l	100
46) Dibromomethane	9.21	93	128306	51.923	ug/l	100
47) Bromodichloromethane	9.40	83	247093	52.500	ug/l	100
48) Methyl methacrylate	9.20	41	178688	49.460	ug/l	100
49) 1,4-Dioxane	9.20	88	71540	958.323	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1071749	224.539	ug/l	100
52) Toluene	10.15	92	481525	53.666	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	262646	53.661	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	304406	53.450	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	185129	49.638	ug/l	100
56) Ethyl methacrylate	10.43	69	272712	51.408	ug/l	100
57) 1,3-Dichloropropane	10.71	76	311365	51.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	583891	233.727	ug/l	100
59) 2-Hexanone	10.75	43	752615	221.907	ug/l	100
60) Dibromochloromethane	10.90	129	194734	53.021	ug/l	100
61) 1,2-Dibromoethane	11.00	107	193657	52.200	ug/l	100
64) Tetrachloroethene	10.63	164	209606	49.986	ug/l	100
65) Chlorobenzene	11.43	112	514568	51.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	191361	52.406	ug/l	100
67) Ethyl Benzene	11.51	91	909840	52.246	ug/l	100
68) m/p-Xylenes	11.62	106	685652	105.402	ug/l	100
69) o-Xylene	11.94	106	334469	52.284	ug/l	100
70) Styrene	11.96	104	560044	54.210	ug/l	100
71) Bromoform	12.12	173	140869	51.500	ug/l #	100
73) Isopropylbenzene	12.25	105	885448	50.561	ug/l	100
74) N-amyl acetate	12.07	43	303546	47.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	249263	43.144	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	212662m	45.842	ug/l	
77) Bromobenzene	12.52	156	231558	50.591	ug/l	100
78) n-propylbenzene	12.59	91	974219	50.362	ug/l	100
79) 2-Chlorotoluene	12.67	91	580049	48.457	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	742965	50.187	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	72263	48.339	ug/l	100
82) 4-Chlorotoluene	12.77	91	577800	50.866	ug/l	100
83) tert-Butylbenzene	12.99	119	639336	49.501	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	730732	50.626	ug/l	100
85) sec-Butylbenzene	13.17	105	844351	51.247	ug/l	100
86) p-Isopropyltoluene	13.29	119	758777	50.939	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	372288	50.018	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	361998	50.014	ug/l	100
89) n-Butylbenzene	13.61	91	620191	51.991	ug/l	100
90) Hexachloroethane	13.87	117	128884	53.075	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	372880	49.066	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39446	43.611	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182263	53.249	ug/l	100
94) Hexachlorobutadiene	15.01	225	132957	48.544	ug/l	100
95) Naphthalene	15.13	128	477298	52.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194334	54.315	ug/l	100

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

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