

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056700.D
 Acq On : 15 Jul 2019 9:56
 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
 7/17/2019 1:31:19 AM

Quant Time: Jul 16 01:19:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:03:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	354432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	194756	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	167130	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	647588	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	222197	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	156545	51.905	ug/l 100
3) Chloromethane	2.06	50	208216	50.547	ug/l 100
4) Vinyl Chloride	2.18	62	203587	51.208	ug/l 100
5) Bromomethane	2.55	94	120258	52.012	ug/l 100
6) Chloroethane	2.69	64	116380	50.754	ug/l 100
7) Trichlorofluoromethane	3.01	101	258786	50.370	ug/l 100
8) Diethyl Ether	3.41	74	105835	48.904	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	158223	48.538	ug/l 100
10) Methyl Iodide	3.95	142	225487	51.467	ug/l 100
11) Tert butyl alcohol	4.79	59	160576	243.870	ug/l 100
12) 1,1-Dichloroethene	3.73	96	158838	50.546	ug/l 100
13) Acrolein	3.61	56	50422	103.372	ug/l 100
14) Allyl chloride	4.32	41	281694	53.422	ug/l 100
15) Acrylonitrile	4.99	53	468773	254.951	ug/l 100
16) Acetone	3.82	43	436927	225.453	ug/l 100
17) Carbon Disulfide	4.05	76	420871	57.395	ug/l 100
18) Methyl Acetate	4.32	43	197301	39.730	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	514210	49.567	ug/l 100
20) Methylene Chloride	4.55	84	187286	46.257	ug/l 100
21) trans-1,2-Dichloroethene	5.04	96	172022	50.691	ug/l 100
22) Diisopropyl ether	5.95	45	564422	51.221	ug/l 100
23) Vinyl Acetate	5.90	43	2366356	272.132	ug/l 100
24) 1,1-Dichloroethane	5.85	63	319813	50.635	ug/l 100
25) 2-Butanone	6.84	43	653434	251.308	ug/l 100
26) 2,2-Dichloropropane	6.83	77	235515	53.147	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	199994	50.532	ug/l 100
28) Bromochloromethane	7.19	49	152802	49.303	ug/l 100
29) Tetrahydrofuran	7.21	42	429856	266.584	ug/l 100
30) Chloroform	7.37	83	310190	49.855	ug/l 100
31) Cyclohexane	7.65	56	304321	49.632	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	258691	52.298	ug/l 100
36) 1,1-Dichloropropene	7.79	75	238860	50.126	ug/l 100
37) Ethyl Acetate	6.93	43	252992	53.972	ug/l 100
38) Carbon Tetrachloride	7.77	117	226934	53.770	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	300395	50.924	ug/l	100
40) Benzene	8.04	78	739966	50.452	ug/l	100
41) Methacrylonitrile	7.18	41	107316m	52.351	ug/l	
42) 1,2-Dichloroethane	8.12	62	233939	48.552	ug/l	100
43) Isopropyl Acetate	8.16	43	390354	53.785	ug/l	100
44) Trichloroethene	8.83	130	196663	49.976	ug/l	100
45) 1,2-Dichloropropane	9.12	63	198984	50.766	ug/l	100
46) Dibromomethane	9.21	93	125314	51.156	ug/l	100
47) Bromodichloromethane	9.40	83	238186	54.342	ug/l	100
48) Methyl methacrylate	9.20	41	191526	52.568	ug/l	100
49) 1,4-Dioxane	9.20	88	73565	980.590	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1255151	267.824	ug/l	100
52) Toluene	10.15	92	452647	50.529	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	258320	58.240	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	294632	55.967	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	182979	50.888	ug/l	100
56) Ethyl methacrylate	10.43	69	288674	54.535	ug/l	100
57) 1,3-Dichloropropane	10.71	76	305784	50.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	701685	346.122	ug/l	100
59) 2-Hexanone	10.75	43	934987	270.546	ug/l	100
60) Dibromochloromethane	10.90	129	191462	57.841	ug/l	100
61) 1,2-Dibromoethane	11.00	107	190713	51.935	ug/l	100
64) Tetrachloroethene	10.63	164	193927	50.005	ug/l	100
65) Chlorobenzene	11.43	112	482007	49.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180139	54.041	ug/l	100
67) Ethyl Benzene	11.51	91	860648	50.098	ug/l	100
68) m/p-Xylenes	11.62	106	650882	103.313	ug/l	100
69) o-Xylene	11.95	106	316800	50.837	ug/l	100
70) Styrene	11.96	104	535153	53.679	ug/l	100
71) Bromoform	12.12	173	145355	61.495	ug/l #	100
73) Isopropylbenzene	12.25	105	826593	42.552	ug/l	100
74) N-amyl acetate	12.07	43	325501	46.088	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	263115	43.241	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	231688m	49.664	ug/l	
77) Bromobenzene	12.52	156	217251	44.064	ug/l	100
78) n-propylbenzene	12.59	91	939015	46.252	ug/l	100
79) 2-Chlorotoluene	12.67	91	556834	43.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	704827	44.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	79491	58.364	ug/l	100
82) 4-Chlorotoluene	12.77	91	555119	46.347	ug/l	100
83) tert-Butylbenzene	12.99	119	596062	41.266	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	702465	47.011	ug/l	100
85) sec-Butylbenzene	13.17	105	794455	44.696	ug/l	100
86) p-Isopropyltoluene	13.29	119	722651	47.198	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	366640	48.742	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	357130	48.817	ug/l	100
89) n-Butylbenzene	13.61	91	613269	52.087	ug/l	100
90) Hexachloroethane	13.87	117	117213	48.714	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	370774	49.592	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46751	55.797	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	200130	62.026	ug/l	100
94) Hexachlorobutadiene	15.01	225	121527	42.869	ug/l	100
95) Naphthalene	15.13	128	534515	62.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	198799	57.844	ug/l	100

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

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