

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059097.D
 Acq On : 6 Nov 2019 10:45
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:16:19 AM

Quant Time: Nov 07 03:57:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 03:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	534639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	781518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	921801	133.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	266.26%	
35) Dibromofluoromethane	7.57	113	724961	136.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.58%	
50) Toluene-d8	10.08	98	2847788	138.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.72%	
62) 4-Bromofluorobenzene	12.40	95	1116686	151.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	776935	135.450	ug/l	99
3) Chloromethane	2.04	50	1014865	130.591	ug/l	99
4) Vinyl Chloride	2.17	62	1017045	134.649	ug/l	99
5) Bromomethane	2.51	94	588859m	132.379	ug/l	
6) Chloroethane	2.66	64	588583m	127.243	ug/l	
7) Trichlorofluoromethane	2.99	101	1196253	132.943	ug/l	99
8) Diethyl Ether	3.38	74	508156	144.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	737696	138.946	ug/l	99
10) Methyl Iodide	3.92	142	1012378	156.168	ug/l	100
11) Tert butyl alcohol	4.76	59	958890	735.715	ug/l	99
12) 1,1-Dichloroethene	3.71	96	722234	136.878	ug/l	99
13) Acrolein	3.58	56	488923	622.575	ug/l	99
14) Allyl chloride	4.29	41	1495248	143.017	ug/l	98
15) Acrylonitrile	4.95	53	2439486	743.271	ug/l	100
16) Acetone	3.79	43	2545721	707.359	ug/l	98
17) Carbon Disulfide	4.02	76	2203275	132.346	ug/l	100
18) Methyl Acetate	4.29	43	1217442	134.306	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	2581034	143.419	ug/l	100
20) Methylene Chloride	4.52	84	854496	136.459	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	779487	137.778	ug/l	99
22) Diisopropyl ether	5.92	45	2898196	145.411	ug/l	99
23) Vinyl Acetate	5.86	43	10001540	631.592	ug/l #	87
24) 1,1-Dichloroethane	5.82	63	1553751	136.248	ug/l	99
25) 2-Butanone	6.81	43	3472370	729.593	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1314814	133.046	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	904885	141.512	ug/l	100
28) Bromochloromethane	7.17	49	441197	126.204	ug/l	100
29) Tetrahydrofuran	7.18	42	2180476	726.569	ug/l	99
30) Chloroform	7.35	83	1482436	136.014	ug/l	100
31) Cyclohexane	7.63	56	1461995	134.985	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	1282300	139.088	ug/l	100
36) 1,1-Dichloropropene	7.77	75	1186994	143.152	ug/l	99
37) Ethyl Acetate	6.90	43	1309619	141.953	ug/l	99
38) Carbon Tetrachloride	7.75	117	1135283	140.339	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	1443083	151.005	ug/l	100
40) Benzene	8.02	78	3408303	138.145	ug/l	99
41) Methacrylonitrile	7.15	41	590622m	147.283	ug/l	
42) 1,2-Dichloroethane	8.10	62	1171792	136.675	ug/l	100
43) Isopropyl Acetate	8.14	43	2150127	149.361	ug/l	99
44) Trichloroethene	8.82	130	853786	140.488	ug/l	100
45) 1,2-Dichloropropane	9.10	63	957132	143.304	ug/l	99
46) Dibromomethane	9.19	93	580990	140.921	ug/l	100
47) Bromodichloromethane	9.39	83	1209374	144.570	ug/l	96
48) Methyl methacrylate	9.18	41	1004209	152.908	ug/l	98
49) 1,4-Dioxane	9.18	88	362474	3405.871	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	5260210	627.198	ug/l #	83
52) Toluene	10.14	92	2141498	148.388	ug/l	92
53) t-1,3-Dichloropropene	10.37	75	1454344	150.769	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1537968	151.303	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	841074	142.549	ug/l	99
56) Ethyl methacrylate	10.42	69	1471292	165.850	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1495028	145.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	2414596	685.810	ug/l	99
59) 2-Hexanone	10.74	43	4364330	684.996	ug/l	86
60) Dibromochloromethane	10.90	129	956406	150.945	ug/l	99
61) 1,2-Dibromoethane	11.00	107	893927	150.043	ug/l	100
64) Tetrachloroethene	10.63	164	750475	137.557	ug/l	99
65) Chlorobenzene	11.43	112	2229276	139.482	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	851179	144.533	ug/l	100
67) Ethyl Benzene	11.51	91	3770915	136.344	ug/l #	86
68) m/p-Xylenes	11.62	106	3049760	294.873	ug/l	79
69) o-Xylene	11.95	106	1503333	152.337	ug/l	91
70) Styrene	11.96	104	2540971	159.193	ug/l	99
71) Bromoform	12.13	173	722612	158.710	ug/l #	100
73) Isopropylbenzene	12.25	105	3675146	125.416	ug/l	94
74) N-amyl acetate	12.07	43	1945371	149.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1363833	130.629	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1209457m	129.618	ug/l	
77) Bromobenzene	12.53	156	994377	135.245	ug/l	99
78) n-propylbenzene	12.59	91	4194596	123.858	ug/l	91
79) 2-Chlorotoluene	12.67	91	2757298	131.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3300880	132.454	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	533853	146.729	ug/l	97
82) 4-Chlorotoluene	12.77	91	2892400	134.641	ug/l	97
83) tert-Butylbenzene	12.99	119	2888409	136.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3282156	136.013	ug/l	95
85) sec-Butylbenzene	13.17	105	3692150	133.020	ug/l	95
86) p-Isopropyltoluene	13.29	119	3392695	135.723	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	1823858	140.141	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1824087	141.844	ug/l	99
89) n-Butylbenzene	13.62	91	3207427	147.774	ug/l	93
90) Hexachloroethane	13.88	117	692150	139.503	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1774453	136.682	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	298100	132.432	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	1185626	170.310	ug/l	99
94) Hexachlorobutadiene	15.01	225	598326	142.249	ug/l	99
95) Naphthalene	15.13	128	3243460	170.061	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1160258	162.968	ug/l	99

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

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