

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054939.D
 Acq On : 4 Apr 2019 11:05
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 1:44:18 PM

Quant Time: Apr 05 02:13:19 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	7.66	168	439963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	718662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	633761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	282428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297444	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	7.59	113	240998	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	905254	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	304534	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	271613	51.629	ug/l	100
3) Chloromethane	2.06	50	351082	50.474	ug/l	100
4) Vinyl Chloride	2.19	62	309186	50.875	ug/l	100
5) Bromomethane	2.57	94	171172	49.342	ug/l	100
6) Chloroethane	2.71	64	165223	48.745	ug/l	100
7) Trichlorofluoromethane	3.03	101	371576	50.356	ug/l	100
8) Diethyl Ether	3.41	74	116939	49.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194390	49.722	ug/l	100
10) Methyl Iodide	3.95	142	286352	51.962	ug/l	100
11) Tert butyl alcohol	4.82	59	72978	243.095	ug/l	100
12) 1,1-Dichloroethene	3.73	96	191944	49.494	ug/l	100
13) Acrolein	3.61	56	114847	279.746	ug/l	100
14) Allyl chloride	4.32	41	450423	51.193	ug/l	100
15) Acrylonitrile	5.00	53	451268	251.395	ug/l	100
16) Acetone	3.82	43	414686	263.032	ug/l	100
17) Carbon Disulfide	4.04	76	631394	51.147	ug/l	100
18) Methyl Acetate	4.33	43	194548	45.064	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	639812	50.863	ug/l	100
20) Methylene Chloride	4.55	84	260468	48.380	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	247195	51.131	ug/l	100
22) Diisopropyl ether	5.96	45	916527	51.848	ug/l	100
23) Vinyl Acetate	5.90	43	3283568	266.943	ug/l	100
24) 1,1-Dichloroethane	5.85	63	486333	50.450	ug/l	100
25) 2-Butanone	6.85	43	588248	270.066	ug/l	100
26) 2,2-Dichloropropane	6.82	77	338483	50.088	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	279324	50.838	ug/l	100
28) Bromochloromethane	7.20	49	224690	49.753	ug/l	100
29) Tetrahydrofuran	7.22	42	365879	256.275	ug/l	100
30) Chloroform	7.37	83	463758	50.762	ug/l	100
31) Cyclohexane	7.65	56	466192	42.353	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	386149	50.088	ug/l	100
36) 1,1-Dichloropropene	7.79	75	358645	50.366	ug/l	100
37) Ethyl Acetate	6.94	43	251842	51.537	ug/l	100
38) Carbon Tetrachloride	7.77	117	340587	49.527	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	406574	51.900	ug/l	100
40) Benzene	8.04	78	1056006	51.538	ug/l	100
41) Methacrylonitrile	7.18	41	142996	51.176	ug/l	100
42) 1,2-Dichloroethane	8.13	62	364752	50.659	ug/l	100
43) Isopropyl Acetate	8.17	43	428480	52.027	ug/l	100
44) Trichloroethene	8.83	130	267739	51.104	ug/l	100
45) 1,2-Dichloropropane	9.12	63	293089	51.337	ug/l	100
46) Dibromomethane	9.21	93	164329	50.759	ug/l	100
47) Bromodichloromethane	9.40	83	352203	51.796	ug/l	100
48) Methyl methacrylate	9.20	41	220888	52.981	ug/l	100
49) 1,4-Dioxane	9.20	88	43875	1042.632	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1203190	261.880	ug/l	100
52) Toluene	10.16	92	636655	52.714	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	339865	54.155	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	410066	53.581	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	227999	52.068	ug/l	100
56) Ethyl methacrylate	10.43	69	308191	53.830	ug/l	100
57) 1,3-Dichloropropane	10.71	76	395440	51.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	608890	269.157	ug/l	100
59) 2-Hexanone	10.75	43	773974	269.701	ug/l	100
60) Dibromochloromethane	10.90	129	245366	53.496	ug/l	100
61) 1,2-Dibromoethane	11.01	107	218884	53.163	ug/l	100
64) Tetrachloroethene	10.63	164	252454	49.391	ug/l	100
65) Chlorobenzene	11.43	112	662148	51.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	245767	51.963	ug/l	100
67) Ethyl Benzene	11.51	91	1206251	51.789	ug/l	100
68) m/p-Xylenes	11.62	106	885844	104.040	ug/l	100
69) o-Xylene	11.95	106	433142	52.154	ug/l	100
70) Styrene	11.96	104	725387	54.453	ug/l	100
71) Bromoform	12.13	173	150390	52.901	ug/l #	100
73) Isopropylbenzene	12.25	105	1164316	48.802	ug/l	100
74) N-amyl acetate	12.07	43	356557	53.767	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	277742	47.394	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	244410m	53.229	ug/l	
77) Bromobenzene	12.53	156	284525	49.244	ug/l	100
78) n-propylbenzene	12.59	91	1305635	49.671	ug/l	100
79) 2-Chlorotoluene	12.67	91	787219	48.324	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	965880	49.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62750	54.247	ug/l	100
82) 4-Chlorotoluene	12.77	91	772918	50.163	ug/l	100
83) tert-Butylbenzene	12.99	119	808558	48.510	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	959535	50.615	ug/l	100
85) sec-Butylbenzene	13.17	105	1057955	49.072	ug/l	100
86) p-Isopropyltoluene	13.29	119	934257	50.295	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	482846	50.239	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	465578	50.888	ug/l	100
89) n-Butylbenzene	13.61	91	790049	53.218	ug/l	100
90) Hexachloroethane	13.87	117	158497	50.795	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	468797	49.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39999	48.979	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	236966	56.446	ug/l	100
94) Hexachlorobutadiene	15.01	225	147543	46.736	ug/l	100
95) Naphthalene	15.13	128	503072	54.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	232748	53.711	ug/l	100

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

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