

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056329.D
 Acq On : 17 Jun 2019 10:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 18 04:10:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	539284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215491	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	201162	41.18	ug/l	0.00
Spiked Amount			Recovery	=	82.36%	
35) Dibromofluoromethane	7.59	113	177932	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
50) Toluene-d8	10.09	98	678955	39.97	ug/l	0.00
Spiked Amount			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	12.40	95	231762	39.93	ug/l	0.00
Spiked Amount			Recovery	=	79.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	166554	40.506	ug/l	100
3) Chloromethane	2.06	50	214244	42.959	ug/l	100
4) Vinyl Chloride	2.18	62	212312	42.685	ug/l	100
5) Bromomethane	2.53	94	128189m	41.908	ug/l	
6) Chloroethane	2.68	64	121680	42.269	ug/l	100
7) Trichlorofluoromethane	3.00	101	264502	41.609	ug/l	100
8) Diethyl Ether	3.40	74	104780	40.718	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	165554	42.332	ug/l	100
10) Methyl Iodide	3.94	142	230030	37.954	ug/l	100
11) Tert butyl alcohol	4.81	59	163757m	196.225	ug/l	
12) 1,1-Dichloroethene	3.72	96	165819	42.505	ug/l	100
13) Acrolein	3.60	56	45267	193.329	ug/l	100
14) Allyl chloride	4.31	41	284349	44.116	ug/l	100
15) Acrylonitrile	4.99	53	469867	226.506	ug/l	100
16) Acetone	3.82	43	564795	233.097	ug/l	100
17) Carbon Disulfide	4.04	76	450469	45.066	ug/l	100
18) Methyl Acetate	4.33	43	193488	39.851	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	521443	42.045	ug/l	100
20) Methylene Chloride	4.54	84	194215	42.322	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	179003	42.548	ug/l	100
22) Diisopropyl ether	5.95	45	558802	42.853	ug/l	100
23) Vinyl Acetate	5.90	43	2367196	224.681	ug/l	100
24) 1,1-Dichloroethane	5.85	63	325656	43.290	ug/l	100
25) 2-Butanone	6.84	43	706042	232.149	ug/l	100
26) 2,2-Dichloropropane	6.82	77	232208	41.246	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	207771	42.268	ug/l	100
28) Bromochloromethane	7.19	49	163634	44.877	ug/l	100
29) Tetrahydrofuran	7.22	42	411002	224.556	ug/l	100
30) Chloroform	7.37	83	322398	42.931	ug/l	100
31) Cyclohexane	7.65	56	304568	39.708	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	269466	43.013	ug/l	100
36) 1,1-Dichloropropene	7.79	75	243731	40.805	ug/l	100
37) Ethyl Acetate	6.93	43	249451	44.499	ug/l	100
38) Carbon Tetrachloride	7.77	117	233731	41.964	ug/l	100

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39) Methylcyclohexane	9.08	83	303992	41.097	ug/l	100
40) Benzene	8.04	78	755032	41.671	ug/l	100
41) Methacrylonitrile	7.18	41	116554	44.289	ug/l	100
42) 1,2-Dichloroethane	8.12	62	246928	41.915	ug/l	100
43) Isopropyl Acetate	8.17	43	379970	42.956	ug/l	100
44) Trichloroethene	8.83	130	203203	40.116	ug/l	100
45) 1,2-Dichloropropane	9.12	63	201589	42.577	ug/l	100
46) Dibromomethane	9.21	93	131709	42.482	ug/l	100
47) Bromodichloromethane	9.40	83	251761	43.715	ug/l	100
48) Methyl methacrylate	9.20	41	192309	43.554	ug/l	100
49) 1,4-Dioxane	9.20	88	78440	849.269	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1229816	218.049	ug/l	100
52) Toluene	10.16	92	470430	41.787	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	259490	43.714	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	297215	43.586	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	187308	41.874	ug/l	100
56) Ethyl methacrylate	10.43	69	286027	42.778	ug/l	100
57) 1,3-Dichloropropane	10.71	76	316773	42.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	456928	202.612	ug/l	100
59) 2-Hexanone	10.75	43	907885	219.918	ug/l	100
60) Dibromochloromethane	10.90	129	202489	44.433	ug/l	100
61) 1,2-Dibromoethane	11.01	107	197316	42.448	ug/l	100
64) Tetrachloroethene	10.63	164	199185	38.410	ug/l	100
65) Chlorobenzene	11.43	112	501669	40.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184280	42.168	ug/l	100
67) Ethyl Benzene	11.51	91	887047	40.967	ug/l	100
68) m/p-Xylenes	11.62	106	675296	81.872	ug/l	100
69) o-Xylene	11.95	106	329432	40.736	ug/l	100
70) Styrene	11.96	104	555111	42.233	ug/l	100
71) Bromoform	12.13	173	151503	44.792	ug/l #	100
73) Isopropylbenzene	12.25	105	865218	39.557	ug/l	100
74) N-amyl acetate	12.07	43	319621	42.245	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	267263	41.208	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	219746m	42.264	ug/l	
77) Bromobenzene	12.53	156	227732	39.457	ug/l	100
78) n-propylbenzene	12.59	91	952772	40.778	ug/l	100
79) 2-Chlorotoluene	12.67	91	570884	39.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	719558	39.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	73133	41.767	ug/l	100
82) 4-Chlorotoluene	12.77	91	560601	40.912	ug/l	100
83) tert-Butylbenzene	12.99	119	616285	38.632	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	698123	40.345	ug/l	100
85) sec-Butylbenzene	13.17	105	819091	40.169	ug/l	100
86) p-Isopropyltoluene	13.29	119	728568	40.175	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	365303	40.533	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	350499	40.347	ug/l	100
89) n-Butylbenzene	13.61	91	557534	40.818	ug/l	100
90) Hexachloroethane	13.87	117	128452	43.374	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	360600	40.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44670	45.467	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	160977	39.474	ug/l	100
94) Hexachlorobutadiene	15.01	225	127917	37.492	ug/l	100
95) Naphthalene	15.13	128	437687	40.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	179440	40.768	ug/l	100

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

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