

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056332.D
 Acq On : 17 Jun 2019 11:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061719

Quant Time: Jun 18 04:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	379328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	573504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223456	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	211801	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.59	113	185069	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.09	98	703268	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	243034	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	170722	51.191	ug/l	99
3) Chloromethane	2.06	50	226528	50.657	ug/l	99
4) Vinyl Chloride	2.18	62	218423	49.701	ug/l	99
5) Bromomethane	2.53	94	138483m	54.172	ug/l	
6) Chloroethane	2.68	64	124145	48.772	ug/l	99
7) Trichlorofluoromethane	3.00	101	270481	48.191	ug/l	100
8) Diethyl Ether	3.40	74	109405	49.145	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	170995	47.106	ug/l	99
10) Methyl Iodide	3.94	142	219504	47.251	ug/l	100
11) Tert butyl alcohol	4.82	59	170155m	253.527	ug/l	
12) 1,1-Dichloroethene	3.72	96	169593	48.177	ug/l	96
13) Acrolein	3.60	56	48491	252.421	ug/l	98
14) Allyl chloride	4.31	41	290124	49.143	ug/l	100
15) Acrylonitrile	4.99	53	478063	249.230	ug/l	100
16) Acetone	3.82	43	524170	222.408	ug/l	98
17) Carbon Disulfide	4.04	76	460968	48.939	ug/l	100
18) Methyl Acetate	4.33	43	197730	48.062	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	535519	49.881	ug/l	98
20) Methylene Chloride	4.55	84	197154	47.374	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	183172	48.919	ug/l	100
22) Diisopropyl ether	5.96	45	566392	48.805	ug/l	97
23) Vinyl Acetate	5.90	43	2440302	258.455	ug/l	100
24) 1,1-Dichloroethane	5.84	63	331563	48.731	ug/l	100
25) 2-Butanone	6.84	43	688070	240.868	ug/l	99
26) 2,2-Dichloropropane	6.82	77	243357	49.462	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	211503	48.768	ug/l	99
28) Bromochloromethane	7.19	49	164380	48.245	ug/l	100
29) Tetrahydrofuran	7.22	42	425076	250.511	ug/l	99
30) Chloroform	7.37	83	325363	48.005	ug/l	100
31) Cyclohexane	7.65	56	314689	47.871	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	272523	48.542	ug/l	99
36) 1,1-Dichloropropene	7.79	75	250226	48.485	ug/l	99
37) Ethyl Acetate	6.93	43	255472	52.235	ug/l	99
38) Carbon Tetrachloride	7.77	117	237449	47.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	315718	50.153	ug/l	99
40) Benzene	8.04	78	769163	49.131	ug/l	99
41) Methacrylonitrile	7.17	41	119764	53.328	ug/l	99
42) 1,2-Dichloroethane	8.12	62	249456	48.588	ug/l	99
43) Isopropyl Acetate	8.17	43	388608	49.671	ug/l	99
44) Trichloroethene	8.83	130	208749	49.032	ug/l	99
45) 1,2-Dichloropropane	9.12	63	204442	49.412	ug/l	99
46) Dibromomethane	9.21	93	134471	48.907	ug/l	99
47) Bromodichloromethane	9.40	83	253662	48.290	ug/l	100
48) Methyl methacrylate	9.20	41	189967	48.127	ug/l	98
49) 1,4-Dioxane	9.21	88	80594	1012.154	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1246189	249.923	ug/l	100
52) Toluene	10.16	92	475613	49.773	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	266336	51.063	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	309900	51.512	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191576	48.783	ug/l	97
56) Ethyl methacrylate	10.43	69	294313	52.112	ug/l	98
57) 1,3-Dichloropropane	10.71	76	321370	48.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	474291	226.253	ug/l	99
59) 2-Hexanone	10.75	43	923990	249.859	ug/l	99
60) Dibromochloromethane	10.90	129	202623	49.193	ug/l	100
61) 1,2-Dibromoethane	11.01	107	200167	49.585	ug/l	98
64) Tetrachloroethene	10.63	164	197221	46.963	ug/l	100
65) Chlorobenzene	11.43	112	512588	49.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	186991	48.177	ug/l	100
67) Ethyl Benzene	11.51	91	899135	50.243	ug/l	100
68) m/p-Xylenes	11.62	106	686699	103.097	ug/l	99
69) o-Xylene	11.95	106	328832	50.083	ug/l	98
70) Styrene	11.96	104	563691	53.177	ug/l	99
71) Bromoform	12.13	173	149905	49.697	ug/l #	100
73) Isopropylbenzene	12.25	105	883420	53.578	ug/l	99
74) N-amyl acetate	12.07	43	336351	47.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	274068	53.064	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	219344m	45.943	ug/l	
77) Bromobenzene	12.53	156	232242	52.548	ug/l	100
78) n-propylbenzene	12.59	91	971204	48.420	ug/l	100
79) 2-Chlorotoluene	12.67	91	585312	53.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	735218	47.161	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70771	46.055	ug/l	96
82) 4-Chlorotoluene	12.77	91	579101	49.184	ug/l	99
83) tert-Butylbenzene	12.99	119	634107	53.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	722254	49.752	ug/l	99
85) sec-Butylbenzene	13.17	105	839279	47.707	ug/l	100
86) p-Isopropyltoluene	13.29	119	750801	49.858	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	378578	49.776	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	365945	50.072	ug/l	99
89) n-Butylbenzene	13.61	91	581405	51.641	ug/l	99
90) Hexachloroethane	13.87	117	127892	50.296	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	374756	50.318	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45882	47.520	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	181014	47.079	ug/l	99
94) Hexachlorobutadiene	15.01	225	136022	53.428	ug/l	99
95) Naphthalene	15.13	128	502101	49.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	196726	48.635	ug/l	98

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

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