

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057890.D
 Acq On : 11 Sep 2019 1:30
 Operator : JC/SP
 Sample : K4818-05MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019MS

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 7:06:20 AM

Quant Time: Sep 11 05:13:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	320251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	345192	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.58	113	250364	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.09	98	1011524	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	372993	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	231686	52.312	ug/l	100
3) Chloromethane	2.03	50	210480	46.628	ug/l	100
4) Vinyl Chloride	2.16	62	226138	47.334	ug/l	100
5) Bromomethane	2.53	94	90496m	33.983	ug/l	
6) Chloroethane	2.67	64	143229	47.048	ug/l	95
7) Trichlorofluoromethane	2.99	101	285283	47.450	ug/l	98
8) Diethyl Ether	3.39	74	120451	48.034	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185724	48.969	ug/l	100
10) Methyl Iodide	3.93	142	136372	32.312	ug/l	99
11) Tert butyl alcohol	4.77	59	222396	283.283	ug/l	100
12) 1,1-Dichloroethene	3.71	96	163512	47.949	ug/l	96
13) Acrolein	3.58	56	131650	197.659	ug/l	99
14) Allyl chloride	4.30	41	307624	46.096	ug/l	100
15) Acrylonitrile	4.96	53	557570	258.394	ug/l	99
16) Acetone	3.80	43	491823	231.297	ug/l	97
17) Carbon Disulfide	4.03	76	248777	46.883	ug/l	99
18) Methyl Acetate	4.30	43	282259	49.785	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	804171	56.665	ug/l	99
20) Methylene Chloride	4.53	84	209592	51.821	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	172800	46.876	ug/l	99
22) Diisopropyl ether	5.93	45	795911	50.856	ug/l	99
23) Vinyl Acetate	5.87	43	2808547	253.220	ug/l	100
24) 1,1-Dichloroethane	5.82	63	419384	49.032	ug/l	99
25) 2-Butanone	6.82	43	783272	254.507	ug/l	100
26) 2,2-Dichloropropane	6.80	77	251818	37.202	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	242402	49.068	ug/l	98
28) Bromochloromethane	7.18	49	216528	50.672	ug/l	96
29) Tetrahydrofuran	7.19	42	496417	261.763	ug/l	99
30) Chloroform	7.36	83	443519	49.593	ug/l	99
31) Cyclohexane	7.63	56	305346	52.499	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	347838	49.041	ug/l	99
36) 1,1-Dichloropropene	7.78	75	283955	45.395	ug/l	99
37) Ethyl Acetate	6.91	43	296398	45.862	ug/l	99
38) Carbon Tetrachloride	7.76	117	277561	48.601	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	304881	46.365	ug/l	99
40) Benzene	8.03	78	904810	48.046	ug/l	98
41) Methacrylonitrile	7.16	41	145529	49.606	ug/l	98
42) 1,2-Dichloroethane	8.11	62	358912	47.654	ug/l	100
43) Isopropyl Acetate	8.15	43	533570	49.094	ug/l #	90
44) Trichloroethene	8.83	130	216134	46.792	ug/l	98
45) 1,2-Dichloropropane	9.11	63	270691	49.397	ug/l	98
46) Dibromomethane	9.20	93	161028	48.628	ug/l	99
47) Bromodichloromethane	9.40	83	328863	49.733	ug/l	95
48) Methyl methacrylate	9.19	41	271306	49.211	ug/l	99
49) 1,4-Dioxane	9.19	88	86256	925.179	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1735516	269.845	ug/l	99
52) Toluene	10.15	92	590676	49.799	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	340905	48.957	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	370427	48.182	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	252314	50.219	ug/l	99
56) Ethyl methacrylate	10.43	69	390143	51.565	ug/l	99
57) 1,3-Dichloropropane	10.71	76	422485	48.793	ug/l	99
59) 2-Hexanone	10.75	43	1288822	267.353	ug/l	99
60) Dibromochloromethane	10.90	129	238241	51.064	ug/l	99
61) 1,2-Dibromoethane	11.00	107	236189	49.724	ug/l	99
64) Tetrachloroethene	10.63	164	167988	43.562	ug/l	98
65) Chlorobenzene	11.43	112	650990	47.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	234176	49.374	ug/l	100
67) Ethyl Benzene	11.51	91	1216574	50.787	ug/l	99
68) m/p-Xylenes	11.62	106	886479	101.029	ug/l	99
69) o-Xylene	11.95	106	448746	51.443	ug/l	97
70) Styrene	11.97	104	774501	51.591	ug/l	99
71) Bromoform	12.13	173	149204	50.458	ug/l #	97
73) Isopropylbenzene	12.25	105	1346988	52.761	ug/l	99
74) N-amyl acetate	12.07	43	541438	48.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	388997	45.254	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	320478m	43.059	ug/l	
77) Bromobenzene	12.53	156	308911	48.532	ug/l	89
78) n-propylbenzene	12.59	91	1666271	56.838	ug/l	100
79) 2-Chlorotoluene	12.68	91	860536	46.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1089400	50.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90984	43.019	ug/l	96
82) 4-Chlorotoluene	12.78	91	905724	47.600	ug/l	100
83) tert-Butylbenzene	13.00	119	929330	48.466	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1217199	55.519	ug/l	99
85) sec-Butylbenzene	13.18	105	1351027	53.159	ug/l	100
86) p-Isopropyltoluene	13.29	119	1154040	51.536	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	556118	47.600	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	558280	47.076	ug/l	99
89) n-Butylbenzene	13.62	91	1126709	53.280	ug/l	97
90) Hexachloroethane	13.88	117	196755	59.080	ug/l	84
91) 1,2-Dichlorobenzene	13.66	146	554660	47.520	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	72900	51.354	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	367337	48.150	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	154320	47.718	ug/l	99
95) Naphthalene	15.13	128	3194169	169.602	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	365670	54.806	ug/l #	91

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

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