

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058445.D
 Acq On : 30 Sep 2019 18:52
 Operator : JC/SP
 Sample : K5080-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184S-20190924MS

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:22:26 AM

Quant Time: Oct 01 08:45:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	692098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	298264	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.57	113	218245	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.08	98	849773	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.41	95	309896	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	219612	49.635	ug/l	100
3) Chloromethane	2.04	50	240242	49.389	ug/l	99
4) Vinyl Chloride	2.17	62	245661	51.554	ug/l	98
5) Bromomethane	2.54	94	117185	46.299	ug/l	99
6) Chloroethane	2.68	64	147491	51.658	ug/l	99
7) Trichlorofluoromethane	3.00	101	292277	50.828	ug/l	98
8) Diethyl Ether	3.39	74	126474	50.975	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	196544	50.328	ug/l	99
10) Methyl Iodide	3.93	142	208226	48.086	ug/l	99
11) Tert butyl alcohol	4.75	59	164215	250.678	ug/l	99
12) 1,1-Dichloroethene	3.72	96	189352	49.743	ug/l	98
13) Acrolein	3.59	56	89052	427.404	ug/l	100
14) Allyl chloride	4.30	41	349156	50.402	ug/l	100
15) Acrylonitrile	4.96	53	514829	269.657	ug/l	100
16) Acetone	3.79	43	439933	218.856	ug/l	97
17) Carbon Disulfide	4.03	76	515331	51.357	ug/l	98
18) Methyl Acetate	4.30	43	241148	47.698	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	679279	50.575	ug/l	100
20) Methylene Chloride	4.53	84	231462	49.896	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	210652	49.764	ug/l	96
22) Diisopropyl ether	5.93	45	763325	51.205	ug/l	96
23) Vinyl Acetate	5.87	43	3084871	274.450	ug/l	100
24) 1,1-Dichloroethane	5.83	63	435631	51.925	ug/l	99
25) 2-Butanone	6.81	43	698340	253.033	ug/l	98
26) 2,2-Dichloropropane	6.81	77	323905	46.961	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	250763	50.686	ug/l	99
28) Bromochloromethane	7.18	49	176294	52.569	ug/l	98
29) Tetrahydrofuran	7.19	42	464017	264.900	ug/l	99
30) Chloroform	7.35	83	471191	55.424	ug/l	100
31) Cyclohexane	7.64	56	399849	48.996	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	370446	53.062	ug/l	99
36) 1,1-Dichloropropene	7.78	75	331978	50.164	ug/l	99
37) Ethyl Acetate	6.91	43	295855	52.730	ug/l	99
38) Carbon Tetrachloride	7.76	117	319472	53.481	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	393986	50.980	ug/l	99
40) Benzene	8.03	78	977734	51.398	ug/l	100
41) Methacrylonitrile	7.16	41	129061m	50.000	ug/l	
42) 1,2-Dichloroethane	8.11	62	376912	50.928	ug/l	99
43) Isopropyl Acetate	8.15	43	502225	47.600	ug/l	99
44) Trichloroethene	8.82	130	240598	51.223	ug/l	100
45) 1,2-Dichloropropane	9.11	63	264682	51.880	ug/l	99
46) Dibromomethane	9.20	93	169735	52.535	ug/l	97
47) Bromodichloromethane	9.39	83	333837	54.535	ug/l	100
48) Methyl methacrylate	9.19	41	248957	51.819	ug/l	99
49) 1,4-Dioxane	9.19	88	80322	1250.345	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1517848	280.065	ug/l	100
52) Toluene	10.15	92	607256	50.717	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	364032	54.637	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	394156	53.293	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	234270	53.735	ug/l	97
56) Ethyl methacrylate	10.43	69	366066	55.335	ug/l	100
57) 1,3-Dichloropropane	10.71	76	417349	53.668	ug/l	100
59) 2-Hexanone	10.75	43	1088701	275.879	ug/l	100
60) Dibromochloromethane	10.90	129	238882	52.945	ug/l	99
61) 1,2-Dibromoethane	11.00	107	238004	53.427	ug/l	99
64) Tetrachloroethene	10.63	164	191930	47.452	ug/l	100
65) Chlorobenzene	11.43	112	643413	50.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	224055	52.550	ug/l	99
67) Ethyl Benzene	11.51	91	1193692	52.078	ug/l	99
68) m/p-Xylenes	11.62	106	879675	102.005	ug/l	98
69) o-Xylene	11.95	106	424449	51.128	ug/l	98
70) Stvrene	11.97	104	718646	53.286	ug/l	99
71) Bromoform	12.13	173	154039	52.248	ug/l #	98
73) Isopropylbenzene	12.25	105	1169522	51.616	ug/l	100
74) N-amyl acetate	12.07	43	449771	49.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	343529	51.273	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	296074m	52.871	ug/l	
77) Bromobenzene	12.53	156	264529	49.791	ug/l	99
78) n-propylbenzene	12.60	91	1366299	53.524	ug/l	100
79) 2-Chlorotoluene	12.68	91	800355	50.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	988031	52.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	91780	49.777	ug/l	95
82) 4-Chlorotoluene	12.78	91	820955	51.062	ug/l	99
83) tert-Butylbenzene	13.00	119	827836	51.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	984947	51.831	ug/l	99
85) sec-Butylbenzene	13.18	105	1129163	53.603	ug/l	100
86) p-Isopropyltoluene	13.30	119	1006288	54.269	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	484156	50.257	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	476947	49.761	ug/l	99
89) n-Butylbenzene	13.62	91	885186	52.700	ug/l	100
90) Hexachloroethane	13.88	117	159817	57.365	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	477438	51.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	63756	53.961	ug/l	97
93) 1,2,4-Trichlorobenzene	14.92	180	267647	52.327	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	130080	49.479	ug/l	99
95) Naphthalene	15.13	128	718706	47.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	250387	48.826	ug/l	100

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

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