

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058080.D
 Acq On : 15 Sep 2019 10:07
 Operator : JC/SP
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 1:56:13 PM

Quant Time: Sep 16 03:57:34 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	333543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	534322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	497676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	356568	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	7.57	113	255130	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.08	98	1004353	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	356046	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	96720	20.968	ug/l	99
3) Chloromethane	2.04	50	82523	17.553	ug/l	99
4) Vinyl Chloride	2.17	62	85838	17.251	ug/l	98
5) Bromomethane	2.55	94	48021	16.544	ug/l	96
6) Chloroethane	2.69	64	53902	17.000	ug/l	97
7) Trichlorofluoromethane	3.00	101	116877	18.665	ug/l	100
8) Diethyl Ether	3.39	74	53066	20.319	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85583	21.666	ug/l	99
10) Methyl Iodide	3.93	142	77907	17.723	ug/l	99
11) Tert butyl alcohol	4.76	59	82419	100.800	ug/l	97
12) 1,1-Dichloroethene	3.72	96	70670	19.898	ug/l	99
13) Acrolein	3.59	56	11161	16.089	ug/l	96
14) Allyl chloride	4.30	41	135443	19.487	ug/l	99
15) Acrylonitrile	4.96	53	234945	104.541	ug/l	99
16) Acetone	3.80	43	223255	100.809	ug/l	98
17) Carbon Disulfide	4.03	76	96327	17.529	ug/l	99
18) Methyl Acetate	4.30	43	136004	23.033	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	316568	21.418	ug/l	100
20) Methylene Chloride	4.53	84	93796	21.547	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	75431	19.647	ug/l	91
22) Diisopropyl ether	5.93	45	345130	21.174	ug/l	99
23) Vinyl Acetate	5.87	43	1236736	107.061	ug/l	99
24) 1,1-Dichloroethane	5.83	63	186796	20.969	ug/l	99
25) 2-Butanone	6.81	43	329656	102.846	ug/l	98
26) 2,2-Dichloropropane	6.81	77	145800	20.681	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	103835	20.181	ug/l	96
28) Bromochloromethane	7.18	49	94394	21.210	ug/l	97
29) Tetrahydrofuran	7.19	42	204207	103.388	ug/l	99
30) Chloroform	7.36	83	196050	21.048	ug/l	98
31) Cyclohexane	7.64	56	132659	20.535	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	152011	20.578	ug/l	99
36) 1,1-Dichloropropene	7.78	75	120004	19.366	ug/l	98
37) Ethyl Acetate	6.91	43	135150	21.109	ug/l	97
38) Carbon Tetrachloride	7.76	117	120284	21.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	127543	19.579	ug/l	94
40) Benzene	8.03	78	377463	20.233	ug/l	98
41) Methacrylonitrile	7.16	41	67200m	23.123	ug/l	
42) 1,2-Dichloroethane	8.11	62	160436	21.503	ug/l	100
43) Isopropyl Acetate	8.15	43	239500	22.245	ug/l	98
44) Trichloroethene	8.83	130	91702	20.041	ug/l	99
45) 1,2-Dichloropropane	9.11	63	114891	21.164	ug/l	97
46) Dibromomethane	9.20	93	70117	21.374	ug/l	99
47) Bromodichloromethane	9.40	83	141043	21.531	ug/l	94
48) Methyl methacrylate	9.19	41	111042	20.331	ug/l	100
49) 1,4-Dioxane	9.19	88	36729	397.672	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	715655	112.323	ug/l	99
52) Toluene	10.15	92	235677	20.057	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	141314	20.485	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	160814	21.115	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	109373	21.974	ug/l	96
56) Ethyl methacrylate	10.43	69	153451	20.473	ug/l	99
57) 1,3-Dichloropropane	10.71	76	181462	21.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	339012	96.031	ug/l	100
59) 2-Hexanone	10.75	43	500843	104.875	ug/l	99
60) Dibromochloromethane	10.90	129	96770	20.937	ug/l	99
61) 1,2-Dibromoethane	11.00	107	98133	20.855	ug/l	98
64) Tetrachloroethene	10.63	164	74778	20.350	ug/l	98
65) Chlorobenzene	11.43	112	275720	21.169	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	96648	21.385	ug/l	97
67) Ethyl Benzene	11.51	91	482399	21.134	ug/l	100
68) m/p-Xylenes	11.62	106	349841	41.841	ug/l	99
69) o-Xylene	11.95	106	174564	21.001	ug/l	97
70) Styrene	11.97	104	302268	21.130	ug/l	99
71) Bromoform	12.13	173	58862	20.890	ug/l #	99
73) Isopropylbenzene	12.25	105	491420	21.675	ug/l	99
74) N-amyl acetate	12.07	43	201518	20.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	159802	20.934	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	142751m	21.597	ug/l	
77) Bromobenzene	12.53	156	115020	20.348	ug/l	97
78) n-propylbenzene	12.60	91	575479	22.104	ug/l	99
79) 2-Chlorotoluene	12.68	91	343821	20.895	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	416508	21.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34534	18.386	ug/l	89
82) 4-Chlorotoluene	12.78	91	353663	20.929	ug/l	99
83) tert-Butylbenzene	13.00	119	365903	21.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	425619	21.860	ug/l	99
85) sec-Butylbenzene	13.18	105	495164	21.939	ug/l	99
86) p-Isopropyltoluene	13.29	119	443056	22.279	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	219335	21.140	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	219451	20.837	ug/l	100
89) n-Butylbenzene	13.62	91	405469	21.590	ug/l	99
90) Hexachloroethane	13.88	117	60533	20.467	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	216607	20.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	26693	21.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	134184	19.805	ug/l	97
94) Hexachlorobutadiene	15.01	225	65650	22.859	ug/l	98
95) Naphthalene	15.13	128	374341	20.974	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	130196	22.571	ug/l	97

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

