

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058027.D
 Acq On : 13 Sep 2019 19:23
 Operator : JC/SP
 Sample : VN0914WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD03

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 2:11:38 PM

Quant Time: Sep 14 05:11:36 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	322240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	524545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	338878	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.57	113	241972	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	959247	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	338738	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	94897	21.294	ug/l	98
3) Chloromethane	2.04	50	77270	17.012	ug/l	99
4) Vinyl Chloride	2.17	62	78112	16.249	ug/l	97
5) Bromomethane	2.54	94	44952	15.981	ug/l	93
6) Chloroethane	2.68	64	52225	17.049	ug/l	98
7) Trichlorofluoromethane	3.00	101	114838	18.983	ug/l	94
8) Diethyl Ether	3.39	74	49749	19.717	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	78642	20.607	ug/l	97
10) Methyl Iodide	3.93	142	72907	17.168	ug/l	99
11) Tert butyl alcohol	4.75	59	79299	100.386	ug/l	98
12) 1,1-Dichloroethene	3.72	96	63383	18.472	ug/l	99
13) Acrolein	3.59	56	14430	21.531	ug/l	91
14) Allyl chloride	4.30	41	124156	18.489	ug/l	97
15) Acrylonitrile	4.96	53	217274	100.070	ug/l	99
16) Acetone	3.80	43	189605	88.618	ug/l	99
17) Carbon Disulfide	4.03	76	85227	16.067	ug/l	98
18) Methyl Acetate	4.30	43	122236	21.427	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	295825	20.716	ug/l	98
20) Methylene Chloride	4.53	84	91018	21.648	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	68054	18.347	ug/l	94
22) Diisopropyl ether	5.93	45	325651	20.680	ug/l	97
23) Vinyl Acetate	5.87	43	1121375	100.480	ug/l	98
24) 1,1-Dichloroethane	5.83	63	175488	20.390	ug/l	99
25) 2-Butanone	6.82	43	296056	95.603	ug/l	98
26) 2,2-Dichloropropane	6.80	77	124421	18.268	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	99129	19.942	ug/l	98
28) Bromochloromethane	7.18	49	96180	22.369	ug/l	98
29) Tetrahydrofuran	7.19	42	186770	97.877	ug/l	100
30) Chloroform	7.36	83	182508	20.282	ug/l	100
31) Cyclohexane	7.64	56	122792	19.576	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	141131	19.775	ug/l	99
36) 1,1-Dichloropropene	7.78	75	111612	18.347	ug/l	99
37) Ethyl Acetate	6.91	43	121357	19.308	ug/l	100
38) Carbon Tetrachloride	7.76	117	109230	19.667	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	119827	18.738	ug/l	96
40) Benzene	8.03	78	364944	19.926	ug/l	96
41) Methacrylonitrile	7.16	41	64232	22.513	ug/l #	86
42) 1,2-Dichloroethane	8.11	62	149782	20.449	ug/l	100
43) Isopropyl Acetate	8.15	43	217665	20.593	ug/l #	90
44) Trichloroethene	8.82	130	87081	19.385	ug/l	98
45) 1,2-Dichloropropane	9.11	63	110498	20.734	ug/l	99
46) Dibromomethane	9.20	93	65699	20.401	ug/l	98
47) Bromodichloromethane	9.40	83	128324	19.954	ug/l	96
48) Methyl methacrylate	9.19	41	100352	18.717	ug/l	98
49) 1,4-Dioxane	9.19	88	32250	355.685	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	653975	104.555	ug/l	99
52) Toluene	10.15	92	225892	19.583	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	128709	19.006	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	144443	19.319	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	101187	20.708	ug/l	98
56) Ethyl methacrylate	10.43	69	141807	19.272	ug/l	98
57) 1,3-Dichloropropane	10.71	76	173577	20.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	317229	91.535	ug/l	100
59) 2-Hexanone	10.75	43	462206	98.589	ug/l	100
60) Dibromochloromethane	10.90	129	86219	19.002	ug/l	98
61) 1,2-Dibromoethane	11.00	107	90232	19.533	ug/l	99
64) Tetrachloroethene	10.63	164	70677	19.615	ug/l	98
65) Chlorobenzene	11.43	112	256096	20.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89425	20.179	ug/l	98
67) Ethyl Benzene	11.51	91	464691	20.762	ug/l	100
68) m/p-Xylenes	11.62	106	336325	41.023	ug/l	100
69) o-Xylene	11.95	106	167015	20.491	ug/l	100
70) Styrene	11.97	104	290037	20.677	ug/l	100
71) Bromoform	12.13	173	50083	18.127	ug/l #	98
73) Isopropylbenzene	12.25	105	466328	21.165	ug/l	99
74) N-amyl acetate	12.07	43	196793	20.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	145295	19.585	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	121561m	18.925	ug/l	
77) Bromobenzene	12.53	156	108866	19.818	ug/l	97
78) n-propylbenzene	12.59	91	540949	21.381	ug/l	100
79) 2-Chlorotoluene	12.68	91	323209	20.212	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	392835	21.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28336	15.524	ug/l #	83
82) 4-Chlorotoluene	12.78	91	333865	20.331	ug/l	100
83) tert-Butylbenzene	13.00	119	341357	20.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	397332	21.000	ug/l	99
85) sec-Butylbenzene	13.18	105	460815	21.009	ug/l	100
86) p-Isopropyltoluene	13.29	119	409045	21.166	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	204775	20.309	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	201243	19.663	ug/l	99
89) n-Butylbenzene	13.62	91	367019	20.110	ug/l	100
90) Hexachloroethane	13.88	117	54450	18.945	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	202903	20.143	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	23184	18.924	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	120101	18.241	ug/l	98
94) Hexachlorobutadiene	15.01	225	56082	20.094	ug/l	97
95) Naphthalene	15.13	128	324270	18.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	110166	19.782	ug/l	99

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

