

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061782.D
 Acq On : 12 Jun 2020 11:43
 Operator : JC/MD
 Sample : VN0612WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:31 AM

Quant Time: Jun 13 05:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	324084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	188103	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.54	113	150631	58.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.76%	
50) Toluene-d8	10.06	98	630449	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.38	95	223475	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67257	18.710	ug/l	98
3) Chloromethane	2.03	50	66215	16.751	ug/l	100
4) Vinyl Chloride	2.16	62	89426	16.509	ug/l	97
5) Bromomethane	2.53	94	60100	19.336	ug/l	99
6) Chloroethane	2.67	64	61289	17.579	ug/l	99
7) Trichlorofluoromethane	2.98	101	127298	18.224	ug/l	99
8) Diethyl Ether	3.37	74	40025	18.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62951	20.309	ug/l	96
10) Methyl Iodide	3.91	142	84395	19.613	ug/l	97
11) Tert butyl alcohol	4.72	59	53016	103.226	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	57992	17.512	ug/l	97
13) Acrolein	3.57	56	10226	43.407	ug/l	100
14) Allyl chloride	4.27	41	70540	16.293	ug/l	96
15) Acrylonitrile	4.93	53	130290	90.887	ug/l	99
16) Acetone	3.77	43	103239	93.124	ug/l	95
17) Carbon Disulfide	4.01	76	122153	16.766	ug/l	98
18) Methyl Acetate	4.27	43	63884	18.276	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	204134	18.087	ug/l	98
20) Methylene Chloride	4.50	84	71154	19.203	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	66917	17.918	ug/l	90
22) Diisopropyl ether	5.90	45	174535	18.291	ug/l	97
23) Vinyl Acetate	5.84	43	636910	83.746	ug/l	97
24) 1,1-Dichloroethane	5.79	63	111288	18.392	ug/l	99
25) 2-Butanone	6.78	43	156698	85.629	ug/l	95
26) 2,2-Dichloropropane	6.77	77	101425	18.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	79036	18.690	ug/l	99
28) Bromochloromethane	7.15	49	45423	19.135	ug/l	93
29) Tetrahydrofuran	7.16	42	103368	85.661	ug/l	98
30) Chloroform	7.32	83	129831	19.395	ug/l	99
31) Cyclohexane	7.61	56	90291	16.592	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	110235	18.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86788	19.440	ug/l	100
37) Ethyl Acetate	6.88	43	65825	18.306	ug/l	96
38) Carbon Tetrachloride	7.73	117	89368	20.753	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	98339	17.871	ug/l	95
40) Benzene	8.00	78	280304	20.349	ug/l	100
41) Methacrylonitrile	7.12	41	29127	17.680	ug/l	97
42) 1,2-Dichloroethane	8.09	62	91341	19.807	ug/l	98
43) Isopropyl Acetate	8.12	43	112831	17.441	ug/l #	90
44) Trichloroethene	8.80	130	86474	20.427	ug/l	93
45) 1,2-Dichloropropane	9.08	63	68891	21.062	ug/l	99
46) Dibromomethane	9.17	93	50464	20.116	ug/l	95
47) Bromodichloromethane	9.37	83	103257	20.776	ug/l	100
48) Methyl methacrylate	9.17	41	49866	17.133	ug/l	96
49) 1,4-Dioxane	9.16	88	25854	573.384	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	337697	92.632	ug/l	99
52) Toluene	10.12	92	186285	20.720	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105900	19.779	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117295	20.375	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	78043	21.788	ug/l	96
56) Ethyl methacrylate	10.40	69	95810	19.148	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119711	20.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	193906	90.684	ug/l	99
59) 2-Hexanone	10.72	43	233701	89.262	ug/l	97
60) Dibromochloromethane	10.87	129	87793	21.559	ug/l	99
61) 1,2-Dibromoethane	10.98	107	79181	21.196	ug/l	99
64) Tetrachloroethene	10.60	164	90593	19.939	ug/l	98
65) Chlorobenzene	11.40	112	205850	20.517	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	79615	21.311	ug/l	99
67) Ethyl Benzene	11.48	91	343094	19.785	ug/l	99
68) m/p-Xylenes	11.59	106	269468	39.191	ug/l	98
69) o-Xylene	11.92	106	126170	19.320	ug/l	99
70) Styrene	11.94	104	216003	19.972	ug/l	99
71) Bromoform	12.10	173	60094	20.876	ug/l #	99
73) Isopropylbenzene	12.22	105	338281	19.158	ug/l	99
74) N-amyl acetate	12.04	43	93160	16.753	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	97391	19.682	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	82358m	18.721	ug/l	
77) Bromobenzene	12.50	156	89632	19.886	ug/l	99
78) n-propylbenzene	12.57	91	379725	19.263	ug/l	98
79) 2-Chlorotoluene	12.65	91	224387	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	282711	19.156	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29175	16.959	ug/l	95
82) 4-Chlorotoluene	12.75	91	233916	18.917	ug/l	97
83) tert-Butylbenzene	12.97	119	240544	18.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	284690	19.417	ug/l	99
85) sec-Butylbenzene	13.15	105	310954	18.506	ug/l	100
86) p-Isopropyltoluene	13.26	119	295663	19.107	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	161474	20.231	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	164246	20.200	ug/l	99
89) n-Butylbenzene	13.59	91	230267	17.766	ug/l	99
90) Hexachloroethane	13.85	117	41358	24.167	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	159817	20.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16407	16.258	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	85423	19.149	ug/l	99
94) Hexachlorobutadiene	14.99	225	39635	20.833	ug/l	100
95) Naphthalene	15.10	128	234720	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	85684	19.536	ug/l	98

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

