

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051344.D
 Acq On : 20 Sep 2018 17:17
 Operator : MD\SY
 Sample : VN0920WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:17 PM

Quant Time: Sep 21 06:56:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	430772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	365592	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	7.59	113	366603	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.09	98	1386056	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.40	95	432550	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117145	19.585	ug/l	99
3) Chloromethane	2.06	50	153040	18.035	ug/l	99
4) Vinyl Chloride	2.18	62	168398	19.973	ug/l	99
5) Bromomethane	2.57	94	123515	21.002	ug/l	100
6) Chloroethane	2.70	64	102467	19.776	ug/l	97
7) Trichlorofluoromethane	3.02	101	236284	19.603	ug/l	98
8) Diethyl Ether	3.41	74	77782	20.168	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147563	19.952	ug/l	97
10) Methyl Iodide	3.95	142	209339	19.125	ug/l	100
11) Tert butyl alcohol	4.78	59	40408	98.247	ug/l	97
12) 1,1-Dichloroethene	3.74	96	130528	19.495	ug/l	99
13) Acrolein	3.61	56	49601	105.368	ug/l	97
14) Allyl chloride	4.32	41	187017	19.818	ug/l	99
15) Acrylonitrile	4.99	53	202452	97.131	ug/l	99
16) Acetone	3.82	43	140559	88.199	ug/l	99
17) Carbon Disulfide	4.05	76	395890	19.624	ug/l	97
18) Methyl Acetate	4.33	43	91707	16.746	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	334318	20.632	ug/l	99
20) Methylene Chloride	4.55	84	152138	19.078	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	143046	20.229	ug/l	97
22) Diisopropyl ether	5.95	45	399784	21.447	ug/l	99
23) Vinyl Acetate	5.90	43	1248989	103.586	ug/l	100
24) 1,1-Dichloroethane	5.85	63	253478	19.948	ug/l	99
25) 2-Butanone	6.84	43	212727	95.972	ug/l	97
26) 2,2-Dichloropropane	6.83	77	208038	19.814	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158663	20.248	ug/l	100
28) Bromochloromethane	7.19	49	101126	19.202	ug/l	97
29) Tetrahydrofuran	7.21	42	141336	100.647	ug/l	99
30) Chloroform	7.37	83	259597	19.440	ug/l	97
31) Cyclohexane	7.65	56	226647	18.128	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	230168	20.004	ug/l	100
36) 1,1-Dichloropropene	7.79	75	201311	20.177	ug/l	99
37) Ethyl Acetate	6.93	43	98790	20.001	ug/l #	93
38) Carbon Tetrachloride	7.77	117	210340	19.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	238024	20.442	ug/l	98
40) Benzene	8.04	78	605702	20.149	ug/l	98
41) Methacrylonitrile	7.18	41	56502	21.958	ug/l	87
42) 1,2-Dichloroethane	8.12	62	178312	19.636	ug/l	100
43) Isopropyl Acetate	8.17	43	177781	20.552	ug/l	99
44) Trichloroethene	8.83	130	167829	19.448	ug/l	100
45) 1,2-Dichloropropane	9.12	63	156085	20.290	ug/l	98
46) Dibromomethane	9.21	93	92651	19.538	ug/l	97
47) Bromodichloromethane	9.40	83	196002	19.377	ug/l	100
48) Methyl methacrylate	9.20	41	85067	19.290	ug/l	98
49) 1,4-Dioxane	9.20	88	25219	386.700	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	479267	103.001	ug/l	100
52) Toluene	10.16	92	378848	20.466	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	189924	19.556	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	228680	20.336	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	130476	18.792	ug/l	100
56) Ethyl methacrylate	10.43	69	148245	20.214	ug/l	99
57) 1,3-Dichloropropane	10.71	76	219740	20.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	376623	104.448	ug/l	100
59) 2-Hexanone	10.75	43	295608	94.233	ug/l	99
60) Dibromochloromethane	10.90	129	155286	19.179	ug/l	100
61) 1,2-Dibromoethane	11.00	107	128642	19.272	ug/l	99
64) Tetrachloroethene	10.63	164	158446	21.038	ug/l	98
65) Chlorobenzene	11.43	112	417894	20.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160776	20.468	ug/l	99
67) Ethyl Benzene	11.51	91	672628	20.838	ug/l	98
68) m/p-Xylenes	11.62	106	542759	42.800	ug/l	99
69) o-Xylene	11.95	106	257322	21.049	ug/l	100
70) Styrene	11.96	104	400966	21.131	ug/l	100
71) Bromoform	12.13	173	103340	19.385	ug/l #	100
73) Isopropylbenzene	12.25	105	685846	21.724	ug/l	100
74) N-amyl acetate	12.07	43	131010	19.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	150508	19.317	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127553m	20.505	ug/l	
77) Bromobenzene	12.53	156	178090	20.417	ug/l	98
78) n-propylbenzene	12.59	91	757291	22.002	ug/l	99
79) 2-Chlorotoluene	12.67	91	452065	21.312	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	577245	22.554	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37779	21.025	ug/l	99
82) 4-Chlorotoluene	12.77	91	445353	21.602	ug/l	99
83) tert-Butylbenzene	12.99	119	508249	22.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	576494	22.694	ug/l	100
85) sec-Butylbenzene	13.17	105	668059	21.929	ug/l	100
86) p-Isopropyltoluene	13.29	119	590501	22.272	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	299405	20.421	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286450	20.154	ug/l	98
89) n-Butylbenzene	13.61	91	439976	21.348	ug/l	99
90) Hexachloroethane	13.87	117	110199	19.408	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	294762	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19808	19.195	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131585	20.266	ug/l	98
94) Hexachlorobutadiene	15.01	225	119045	21.658	ug/l	95
95) Naphthalene	15.13	128	213657	18.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	134544	20.827	ug/l	99

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

