

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051453.D
 Acq On : 24 Sep 2018 11:52
 Operator : MD\SY
 Sample : VN0924WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 11:31:02 AM

Quant Time: Sep 25 03:06:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	727631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	310703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	323149	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	289395	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.09	98	1067449	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	334506	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89514	18.850	ug/l	97
3) Chloromethane	2.06	50	154073	20.381	ug/l	99
4) Vinyl Chloride	2.18	62	168766	20.227	ug/l	100
5) Bromomethane	2.57	94	109111	21.855	ug/l	99
6) Chloroethane	2.71	64	106755	20.534	ug/l	98
7) Trichlorofluoromethane	3.02	101	215615	19.729	ug/l	98
8) Diethyl Ether	3.41	74	61856	16.176	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111209	18.031	ug/l	99
10) Methyl Iodide	3.96	142	144755	17.846	ug/l	96
11) Tert butyl alcohol	4.79	59	34006	94.498	ug/l #	95
12) 1,1-Dichloroethene	3.74	96	99614	17.589	ug/l	99
13) Acrolein	3.61	56	33159	92.794	ug/l	96
14) Allyl chloride	4.33	41	171597	18.060	ug/l	98
15) Acrylonitrile	4.99	53	179402	91.645	ug/l	100
16) Acetone	3.82	43	129105	74.196	ug/l	100
17) Carbon Disulfide	4.06	76	291924	17.545	ug/l	98
18) Methyl Acetate	4.33	43	93154	19.183	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	275356	18.855	ug/l	99
20) Methylene Chloride	4.55	84	119112	18.878	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	106013	18.299	ug/l	96
22) Diisopropyl ether	5.96	45	370166	20.154	ug/l	99
23) Vinyl Acetate	5.90	43	1151369	95.485	ug/l	100
24) 1,1-Dichloroethane	5.85	63	219213	20.004	ug/l	98
25) 2-Butanone	6.84	43	200003	91.642	ug/l	98
26) 2,2-Dichloropropane	6.82	77	173070	20.232	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	120022	18.881	ug/l	94
28) Bromochloromethane	7.20	49	93514	18.479	ug/l	100
29) Tetrahydrofuran	7.22	42	133435	96.480	ug/l	98
30) Chloroform	7.37	83	218257	20.100	ug/l	100
31) Cyclohexane	7.66	56	187442	18.669	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	187899	20.241	ug/l	100
36) 1,1-Dichloropropene	7.79	75	160812	19.085	ug/l	98
37) Ethyl Acetate	6.93	43	91717	18.931	ug/l	98
38) Carbon Tetrachloride	7.77	117	169900	19.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175027	17.769	ug/l	96
40) Benzene	8.04	78	483378	19.538	ug/l	100
41) Methacrylonitrile	7.17	41	46184	17.231	ug/l	94
42) 1,2-Dichloroethane	8.13	62	153947	19.433	ug/l	99
43) Isopropyl Acetate	8.17	43	166769	19.036	ug/l	100
44) Trichloroethene	8.84	130	125002	19.022	ug/l	99
45) 1,2-Dichloropropane	9.12	63	131501	19.553	ug/l	100
46) Dibromomethane	9.21	93	74525	19.612	ug/l	98
47) Bromodichloromethane	9.40	83	165314	19.659	ug/l	98
48) Methyl methacrylate	9.20	41	80469	18.424	ug/l	99
49) 1,4-Dioxane	9.20	88	20523	383.403	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	454778	94.392	ug/l	99
52) Toluene	10.16	92	291452	18.956	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	156230	18.402	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	186630	18.956	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	105391	19.395	ug/l	99
56) Ethyl methacrylate	10.43	69	122177	18.390	ug/l	99
57) 1,3-Dichloropropane	10.71	76	179878	19.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	310331	99.649	ug/l	99
59) 2-Hexanone	10.75	43	275165	88.101	ug/l	97
60) Dibromochloromethane	10.90	129	121572	18.962	ug/l	100
61) 1,2-Dibromoethane	11.01	107	97069	18.401	ug/l	99
64) Tetrachloroethene	10.63	164	115650	20.017	ug/l	97
65) Chlorobenzene	11.43	112	312304	19.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	123198	19.797	ug/l	99
67) Ethyl Benzene	11.51	91	520848	18.921	ug/l	99
68) m/p-Xylenes	11.62	106	405439	38.078	ug/l	100
69) o-Xylene	11.95	106	192753	18.831	ug/l	97
70) Styrene	11.96	104	305373	18.827	ug/l	99
71) Bromoform	12.13	173	77789	18.422	ug/l #	99
73) Isopropylbenzene	12.25	105	515519	19.665	ug/l	100
74) N-amyl acetate	12.07	43	120864	18.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	124819	20.418	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	98494m	19.096	ug/l	
77) Bromobenzene	12.53	156	129465	19.508	ug/l	99
78) n-propylbenzene	12.59	91	581244	19.673	ug/l	99
79) 2-Chlorotoluene	12.67	91	351739	19.889	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	428111	20.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30886	18.413	ug/l	95
82) 4-Chlorotoluene	12.77	91	348595	19.749	ug/l	97
83) tert-Butylbenzene	12.99	119	375981	19.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	439957	20.425	ug/l	99
85) sec-Butylbenzene	13.17	105	511573	19.875	ug/l	100
86) p-Isopropyltoluene	13.29	119	435350	19.547	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	218923	19.063	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	209322	18.943	ug/l	98
89) n-Butylbenzene	13.61	91	338483	18.481	ug/l	99
90) Hexachloroethane	13.87	117	87604	19.741	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	217440	19.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16820	19.280	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	93853	19.736	ug/l	99
94) Hexachlorobutadiene	15.01	225	84199	19.971	ug/l	99
95) Naphthalene	15.13	128	163471	19.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	97668	18.264	ug/l	96

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

