

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050938.D
 Acq On : 29 Aug 2018 9:56
 Operator : MD\SY
 Sample : VN0829WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:07:32 AM

Quant Time: Aug 29 14:47:38 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	571565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	822162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	356176	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.52%		
35) Dibromofluoromethane	7.59	113	336871	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.00%		
50) Toluene-d8	10.09	98	1244882	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.82%		
62) 4-Bromofluorobenzene	12.40	95	396185	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.50%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	155208	20.291	ug/l	98
3) Chloromethane	2.06	50	175373	18.589	ug/l	99
4) Vinyl Chloride	2.18	62	174888	19.569	ug/l	97
5) Bromomethane	2.56	94	97136	18.449	ug/l	98
6) Chloroethane	2.70	64	99327	19.235	ug/l	98
7) Trichlorofluoromethane	3.01	101	228687	19.983	ug/l	99
8) Diethyl Ether	3.41	74	78859	20.265	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142258	19.897	ug/l	98
10) Methyl Iodide	3.95	142	111016	21.790	ug/l	99
11) Tert butyl alcohol	4.80	59	51135	116.704	ug/l	98
12) 1,1-Dichloroethene	3.73	96	123287	19.205	ug/l	99
13) Acrolein	3.61	56	16152	76.518	ug/l	100
14) Allyl chloride	4.32	41	196397	19.634	ug/l	99
15) Acrylonitrile	4.99	53	245803	110.385	ug/l	98
16) Acetone	3.82	43	175340	103.470	ug/l	98
17) Carbon Disulfide	4.05	76	372123	17.292	ug/l	99
18) Methyl Acetate	4.33	43	150118	23.104	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	341282	21.135	ug/l	99
20) Methylene Chloride	4.55	84	149699	19.303	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	136603	19.674	ug/l	99
22) Diisopropyl ether	5.96	45	423719	21.255	ug/l	98
23) Vinyl Acetate	5.90	43	1297439	101.061	ug/l	100
24) 1,1-Dichloroethane	5.85	63	254577	19.891	ug/l	99
25) 2-Butanone	6.84	43	268047	96.665	ug/l	100
26) 2,2-Dichloropropane	6.83	77	199144	19.365	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	151797	20.279	ug/l	99
28) Bromochloromethane	7.20	49	111431	20.490	ug/l	99
29) Tetrahydrofuran	7.22	42	179739	113.055	ug/l	100
30) Chloroform	7.37	83	258204	20.374	ug/l	99
31) Cyclohexane	7.65	56	214418	18.725	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	216477	19.886	ug/l	99
36) 1,1-Dichloropropene	7.80	75	188515	19.431	ug/l	99
37) Ethyl Acetate	6.94	43	118092	21.190	ug/l	100
38) Carbon Tetrachloride	7.78	117	192775	19.657	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197719	18.837	ug/l	99
40) Benzene	8.05	78	589189	20.139	ug/l	100
41) Methacrylonitrile	7.18	41	66286	21.978	ug/l	92
42) 1,2-Dichloroethane	8.13	62	176531	20.182	ug/l	99
43) Isopropyl Acetate	8.17	43	208431	21.752	ug/l	100
44) Trichloroethene	8.84	130	153523	19.897	ug/l	97
45) 1,2-Dichloropropane	9.12	63	156844	20.398	ug/l	99
46) Dibromomethane	9.21	93	92427	20.458	ug/l	98
47) Bromodichloromethane	9.40	83	194931	20.600	ug/l	97
48) Methyl methacrylate	9.20	41	104573	21.414	ug/l	99
49) 1,4-Dioxane	9.20	88	29857	448.488	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	601791	105.241	ug/l	100
52) Toluene	10.16	92	359323	20.733	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	184434	19.582	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	218909	20.297	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	134154	20.856	ug/l	98
56) Ethyl methacrylate	10.43	69	153866	19.874	ug/l	100
57) 1,3-Dichloropropane	10.71	76	218833	20.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	309100	92.737	ug/l	100
59) 2-Hexanone	10.75	43	389212	102.243	ug/l	99
60) Dibromochloromethane	10.90	129	147803	20.522	ug/l	99
61) 1,2-Dibromoethane	11.01	107	128816	20.710	ug/l	99
64) Tetrachloroethene	10.63	164	137446	19.611	ug/l	99
65) Chlorobenzene	11.44	112	388211	20.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	145230	20.581	ug/l	98
67) Ethyl Benzene	11.51	91	632420	20.170	ug/l	99
68) m/p-Xylenes	11.62	106	494081	41.515	ug/l	100
69) o-Xylene	11.95	106	236865	20.702	ug/l	99
70) Styrene	11.96	104	372428	19.271	ug/l	99
71) Bromoform	12.13	173	103859	21.402	ug/l #	100
73) Isopropylbenzene	12.25	105	629032	21.615	ug/l	100
74) N-amyl acetate	12.07	43	156165	21.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	168351	23.394	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	140995m	22.905	ug/l	
77) Bromobenzene	12.53	156	164256	20.768	ug/l	99
78) n-propylbenzene	12.59	91	696910	21.437	ug/l	100
79) 2-Chlorotoluene	12.68	91	431074	21.288	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	517603	22.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37451	20.567	ug/l	96
82) 4-Chlorotoluene	12.77	91	425306	21.275	ug/l	99
83) tert-Butylbenzene	12.99	119	443525	21.810	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	525205	22.235	ug/l	100
85) sec-Butylbenzene	13.17	105	583958	21.914	ug/l	99
86) p-Isopropyltoluene	13.29	119	490308	21.593	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	272888	20.332	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	266219	20.154	ug/l	99
89) n-Butylbenzene	13.62	91	364572	20.075	ug/l	99
90) Hexachloroethane	13.88	117	95925	22.269	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	267187	20.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22698	21.718	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104821	18.373	ug/l	100
94) Hexachlorobutadiene	15.01	225	85238	21.570	ug/l	99
95) Naphthalene	15.14	128	201457	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	109570	19.504	ug/l	100

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

