

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050178.D
 Acq On : 30 Jul 2018 11:26
 Operator : MD\SY
 Sample : VN0730WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:20:17 PM

Quant Time: Jul 31 01:24:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	665594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	439996	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.59	113	401488	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.09	98	1473121	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	473671	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	188997	19.76	ug/l	100
3) Chloromethane	2.06	50	175765	16.91	ug/l	99
4) Vinyl Chloride	2.18	62	189885	17.35	ug/l	99
5) Bromomethane	2.56	94	69855	10.70	ug/l	96
6) Chloroethane	2.70	64	114548	17.42	ug/l	97
7) Trichlorofluoromethane	3.01	101	264106	18.62	ug/l	99
8) Diethyl Ether	3.41	74	84205	17.81	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162544	19.06	ug/l	99
10) Methyl Iodide	3.95	142	86883	7.94	ug/l	99
11) Tert butyl alcohol	4.80	59	49167	71.96	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	141923	18.50	ug/l	97
13) Acrolein	3.61	56	20026	36.48	ug/l	96
14) Allyl chloride	4.32	41	221207	18.60	ug/l	99
15) Acrylonitrile	4.99	53	241661	81.06	ug/l	99
16) Acetone	3.82	43	207769	92.24	ug/l	98
17) Carbon Disulfide	4.05	76	409113	17.41	ug/l	99
18) Methyl Acetate	4.33	43	170182	18.99	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	367216	17.96	ug/l	98
20) Methylene Chloride	4.55	84	160058	18.65	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	149498	18.39	ug/l	99
22) Diisopropyl ether	5.95	45	465841	19.75	ug/l	95
23) Vinyl Acetate	5.90	43	1456267	87.37	ug/l	99
24) 1,1-Dichloroethane	5.85	63	288959	18.74	ug/l	99
25) 2-Butanone	6.84	43	295325	83.37	ug/l	100
26) 2,2-Dichloropropane	6.82	77	243372	20.74	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	167883	19.19	ug/l	98
28) Bromochloromethane	7.20	49	134174	19.07	ug/l	98
29) Tetrahydrofuran	7.21	42	178005	77.77	ug/l	99
30) Chloroform	7.37	83	293556	18.65	ug/l	99
31) Cyclohexane	7.65	56	247165	19.28	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	246977	18.35	ug/l	99
36) 1,1-Dichloropropene	7.79	75	217028	19.75	ug/l	99
37) Ethyl Acetate	6.93	43	121036	15.80	ug/l	99
38) Carbon Tetrachloride	7.77	117	221444	18.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	224990	19.90	ug/l	98
40) Benzene	8.04	78	648405	19.39	ug/l	100
41) Methacrylonitrile	7.18	41	69406	19.19	ug/l #	81
42) 1,2-Dichloroethane	8.12	62	207136	18.57	ug/l	100
43) Isopropyl Acetate	8.17	43	260327	17.29	ug/l	96
44) Trichloroethene	8.84	130	168898	18.80	ug/l	99
45) 1,2-Dichloropropane	9.12	63	171949	19.41	ug/l	98
46) Dibromomethane	9.21	93	101055	18.38	ug/l	98
47) Bromodichloromethane	9.40	83	218657	18.84	ug/l	98
48) Methyl methacrylate	9.20	41	109383	16.58	ug/l	96
49) 1,4-Dioxane	9.20	88	28610	318.62	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	624858	82.97	ug/l	99
52) Toluene	10.16	92	394187	19.97	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	211477	19.31	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	244144	19.50	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	143612	18.34	ug/l	98
56) Ethyl methacrylate	10.43	69	165036	16.96	ug/l	98
57) 1,3-Dichloropropane	10.71	76	239335	18.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	381810	82.96	ug/l	99
59) 2-Hexanone	10.75	43	412417	78.15	ug/l	99
60) Dibromochloromethane	10.90	129	158581	18.29	ug/l	98
61) 1,2-Dibromoethane	11.01	107	135538	17.45	ug/l	98
64) Tetrachloroethene	10.63	164	159715	19.26	ug/l	99
65) Chlorobenzene	11.44	112	421988	19.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160590	19.18	ug/l	98
67) Ethyl Benzene	11.51	91	701873	20.05	ug/l	100
68) m/p-Xylenes	11.62	106	543129	41.03	ug/l	99
69) o-Xylene	11.95	106	257716	20.42	ug/l	99
70) Styrene	11.97	104	406514	18.70	ug/l	100
71) Bromoform	12.13	173	105826	17.38	ug/l #	99
73) Isopropylbenzene	12.25	105	694232	20.97	ug/l	100
74) N-amyl acetate	12.07	43	165644	16.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	174308	18.60	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	144633m	18.23	ug/l	
77) Bromobenzene	12.53	156	177267	19.32	ug/l	99
78) n-propylbenzene	12.59	91	797910	21.56	ug/l	100
79) 2-Chlorotoluene	12.68	91	481912	21.01	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	575078	22.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42801	17.11	ug/l	99
82) 4-Chlorotoluene	12.77	91	480159	21.14	ug/l	100
83) tert-Butylbenzene	12.99	119	492632	21.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	580787	22.12	ug/l	99
85) sec-Butylbenzene	13.17	105	662176	21.80	ug/l	100
86) p-Isopropyltoluene	13.29	119	561867	21.96	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	308617	19.84	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	295585	19.49	ug/l	99
89) n-Butylbenzene	13.62	91	439550	20.89	ug/l	99
90) Hexachloroethane	13.88	117	107968	19.00	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	301803	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25122	16.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126701	17.50	ug/l	99
94) Hexachlorobutadiene	15.01	225	97811	20.54	ug/l	100
95) Naphthalene	15.14	128	235837	15.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	129802	17.65	ug/l	99

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

