

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049635.D
 Acq On : 29 Jun 2018 16:58
 Operator : MD\SY
 Sample : VN0629WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:50 PM

Quant Time: Jun 30 01:39:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1344176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2033127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1787648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	919516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	781429	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
35) Dibromofluoromethane	7.59	113	676902	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
50) Toluene-d8	10.09	98	2568345	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
62) 4-Bromofluorobenzene	12.40	95	858901	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	264480	17.46	ug/l	99
3) Chloromethane	2.06	50	313377	16.56	ug/l	97
4) Vinyl Chloride	2.18	62	341126	16.79	ug/l	100
5) Bromomethane	2.56	94	173527	16.26	ug/l	97
6) Chloroethane	2.70	64	209558	16.29	ug/l	99
7) Trichlorofluoromethane	3.01	101	383008	16.50	ug/l	99
8) Diethyl Ether	3.41	74	154102	16.38	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	273902	16.40	ug/l	92
10) Methyl Iodide	3.94	142	352354	16.86	ug/l	91
11) Tert butyl alcohol	4.80	59	98758	96.95	ug/l	98
12) 1,1-Dichloroethene	3.73	96	254558	16.12	ug/l	87
13) Acrolein	3.61	56	84431	88.74	ug/l	100
14) Allyl chloride	4.32	41	366136	16.88	ug/l	91
15) Acrylonitrile	4.99	53	462526	87.92	ug/l	99
16) Acetone	3.82	43	350610	92.30	ug/l	91
17) Carbon Disulfide	4.05	76	713054	16.17	ug/l	99
18) Methyl Acetate	4.33	43	299113	15.24	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	699429	17.19	ug/l	99
20) Methylene Chloride	4.55	84	291888	15.97	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	262089	16.13	ug/l	89
22) Diisopropyl ether	5.95	45	824141	16.80	ug/l	98
23) Vinyl Acetate	5.90	43	2668802	83.88	ug/l	96
24) 1,1-Dichloroethane	5.85	63	514629	16.65	ug/l	99
25) 2-Butanone	6.84	43	530310	89.99	ug/l	96
26) 2,2-Dichloropropane	6.82	77	421864	16.43	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	306768	16.90	ug/l	91
28) Bromochloromethane	7.19	49	197719	15.07	ug/l #	82
29) Tetrahydrofuran	7.22	42	341736	90.98	ug/l	94
30) Chloroform	7.37	83	518925	16.47	ug/l	100
31) Cyclohexane	7.65	56	431660	15.78	ug/l #	91
32) 1,1,1-Trichloroethane	7.57	97	440043	16.50	ug/l	97
36) 1,1-Dichloropropene	7.79	75	373910	16.35	ug/l	97
37) Ethyl Acetate	6.93	43	251904	18.88	ug/l	100
38) Carbon Tetrachloride	7.77	117	350293	15.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	392661	15.66	ug/l	96
40) Benzene	8.04	78	1150402	16.47	ug/l	99
41) Methacrylonitrile	7.17	41	104289	14.64	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	365305	16.39	ug/l	95
43) Isopropyl Acetate	8.17	43	471436	17.42	ug/l	99
44) Trichloroethene	8.83	130	336654	15.98	ug/l	91
45) 1,2-Dichloropropane	9.12	63	307061	17.02	ug/l	99
46) Dibromomethane	9.21	93	177675	16.28	ug/l	89
47) Bromodichloromethane	9.40	83	378107	16.27	ug/l	96
48) Methyl methacrylate	9.20	41	207733	17.52	ug/l	88
49) 1,4-Dioxane	9.20	88	55875	350.56	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1173122	89.68	ug/l	94
52) Toluene	10.16	92	700920	16.61	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	358420	16.11	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	423932	16.30	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	254956	16.23	ug/l	96
56) Ethyl methacrylate	10.43	69	316304	17.18	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	433500	17.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	666255	77.24	ug/l	95
59) 2-Hexanone	10.75	43	778544	90.01	ug/l	93
60) Dibromochloromethane	10.90	129	280630	16.53	ug/l	100
61) 1,2-Dibromoethane	11.01	107	255946	17.00	ug/l	97
64) Tetrachloroethene	10.63	164	399551	16.51	ug/l	98
65) Chlorobenzene	11.44	112	751850	16.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	277613	16.57	ug/l	99
67) Ethyl Benzene	11.51	91	1239001	16.07	ug/l	98
68) m/p-Xylenes	11.62	106	987675	33.43	ug/l	96
69) o-Xylene	11.95	106	472824	16.72	ug/l	95
70) Styrene	11.97	104	754159	16.48	ug/l	97
71) Bromoform	12.13	173	185200	16.63	ug/l	98
73) Isopropylbenzene	12.25	105	1223894	16.71	ug/l	98
74) N-amyl acetate	12.07	43	340941	17.04	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	293539	18.41	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	250148m	16.75	ug/l	
77) Bromobenzene	12.53	156	320679	16.10	ug/l	90
78) n-propylbenzene	12.59	91	1407350	16.77	ug/l	99
79) 2-Chlorotoluene	12.68	91	861132	16.21	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1030685	16.93	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	71354	16.43	ug/l	97
82) 4-Chlorotoluene	12.78	91	862243	16.14	ug/l	99
83) tert-Butylbenzene	13.00	119	854224	16.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1054770	16.87	ug/l	99
85) sec-Butylbenzene	13.17	105	1171095	16.91	ug/l	99
86) p-Isopropyltoluene	13.29	119	1002890	16.71	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	555356	16.08	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	540763	16.02	ug/l	99
89) n-Butylbenzene	13.62	91	789762	15.37	ug/l	98
90) Hexachloroethane	13.88	117	84611	13.42	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	555367	16.40	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48183	18.20	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	219969	14.76	ug/l	100
94) Hexachlorobutadiene	15.01	225	176395	16.57	ug/l	99
95) Naphthalene	15.14	128	455817	15.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	232125	15.60	ug/l	99

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

