

Data File : VN049647.D
Acq On : 30 Jun 2018 14:52
Operator : MD\SY
Sample : VN0630WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Manual Integrations
APPROVED

apatel
7/2/2018 4:18:12 PM

Quant Time: Jul 02 01:36:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1326934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1994727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1794506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	941404	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	826239	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	712299	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2687793	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.40	95	933745	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	298830	19.983	ug/l	98
3) Chloromethane	2.06	50	347709	18.617	ug/l	99
4) Vinyl Chloride	2.18	62	378143	18.851	ug/l	99
5) Bromomethane	2.57	94	196195	18.620	ug/l	99
6) Chloroethane	2.70	64	241626	19.031	ug/l	100
7) Trichlorofluoromethane	3.02	101	471235	20.566	ug/l	98
8) Diethyl Ether	3.41	74	187449	20.183	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323396	19.617	ug/l	99
10) Methyl Iodide	3.95	142	449733	21.798	ug/l	100
11) Tert butyl alcohol	4.79	59	111333	110.718	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	286610	18.390	ug/l	99
13) Acrolein	3.61	56	105995	112.848	ug/l	98
14) Allyl chloride	4.32	41	460329	21.503	ug/l	99
15) Acrylonitrile	4.99	53	536937	103.385	ug/l	97
16) Acetone	3.82	43	393238	107.177	ug/l	98
17) Carbon Disulfide	4.05	76	774925	17.834	ug/l	100
18) Methyl Acetate	4.33	43	337997	18.319	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	825792	20.554	ug/l	97
20) Methylene Chloride	4.55	84	351782	19.495	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	303272	18.907	ug/l	96
22) Diisopropyl ether	5.96	45	990412	20.448	ug/l	97
23) Vinyl Acetate	5.90	43	3083861	98.184	ug/l	99
24) 1,1-Dichloroethane	5.85	63	597446	19.580	ug/l	99
25) 2-Butanone	6.84	43	604433	103.901	ug/l	99
26) 2,2-Dichloropropane	6.82	77	505313	19.939	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	355063	19.817	ug/l	98
28) Bromochloromethane	7.20	49	244402	18.872	ug/l	98
29) Tetrahydrofuran	7.22	42	397209	107.128	ug/l	100
30) Chloroform	7.37	83	607571	19.533	ug/l	97
31) Cyclohexane	7.65	56	512901	19.152	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	512711	19.470	ug/l	99
36) 1,1-Dichloropropene	7.79	75	435278	19.396	ug/l	99
37) Ethyl Acetate	6.93	43	285172	21.786	ug/l	97
38) Carbon Tetrachloride	7.77	117	410699	18.813	ug/l	98

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39) Methylcyclohexane	9.08	83	468705	19.049	ug/l	99
40) Benzene	8.04	78	1345032	19.628	ug/l	99
41) Methacrylonitrile	7.18	41	134158	18.182	ug/l	92
42) 1,2-Dichloroethane	8.13	62	433970	19.844	ug/l	100
43) Isopropyl Acetate	8.17	43	528248	19.977	ug/l	98
44) Trichloroethene	8.84	130	397480	19.234	ug/l	99
45) 1,2-Dichloropropane	9.12	63	360948	20.387	ug/l	99
46) Dibromomethane	9.21	93	216600	20.223	ug/l	98
47) Bromodichloromethane	9.41	83	453222	19.878	ug/l	100
48) Methyl methacrylate	9.20	41	240006	20.634	ug/l	99
49) 1,4-Dioxane	9.20	88	65125	416.461	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1359226	105.911	ug/l	100
52) Toluene	10.16	92	833421	20.132	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	438072	20.065	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	516523	20.243	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	314189	20.383	ug/l	98
56) Ethyl methacrylate	10.43	69	376148	20.818	ug/l	99
57) 1,3-Dichloropropane	10.71	76	515935	20.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	802522	92.353	ug/l	99
59) 2-Hexanone	10.75	43	901047	106.177	ug/l	100
60) Dibromochloromethane	10.90	129	338385	20.311	ug/l	99
61) 1,2-Dibromoethane	11.01	107	296214	20.056	ug/l	98
64) Tetrachloroethene	10.63	164	475708	19.578	ug/l	99
65) Chlorobenzene	11.44	112	911362	19.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	329147	19.568	ug/l	98
67) Ethyl Benzene	11.51	91	1529216	19.762	ug/l	100
68) m/p-Xylenes	11.62	106	1198776	40.423	ug/l	99
69) o-Xylene	11.95	106	577442	20.337	ug/l	100
70) Styrene	11.97	104	938815	20.436	ug/l	99
71) Bromoform	12.13	173	229413	20.526	ug/l #	99
73) Isopropylbenzene	12.25	105	1517016	20.230	ug/l	100
74) N-amyl acetate	12.07	43	405230	19.784	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	351868	21.807	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	328776m	21.776	ug/l	
77) Bromobenzene	12.53	156	395449	19.394	ug/l	99
78) n-propylbenzene	12.59	91	1769847	20.594	ug/l	99
79) 2-Chlorotoluene	12.68	91	1082124	19.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1297455	20.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	87889	19.771	ug/l	98
82) 4-Chlorotoluene	12.78	91	1095140	20.025	ug/l	100
83) tert-Butylbenzene	13.00	119	1101849	20.584	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1333807	20.831	ug/l	99
85) sec-Butylbenzene	13.17	105	1482608	20.905	ug/l	100
86) p-Isopropyltoluene	13.29	119	1303666	21.222	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	708199	20.174	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	691746	20.132	ug/l	99
89) n-Butylbenzene	13.62	91	1032502	19.633	ug/l	100
90) Hexachloroethane	13.88	117	125713	19.482	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	704743	20.595	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54897	20.375	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063018\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	285830	18.090	ug/l	100
94) Hexachlorobutadiene	15.01	225	224749	21.192	ug/l	99
95) Naphthalene	15.14	128	578005	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	297277	19.101	ug/l	98

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

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