

Data File : VN049646.D
Acq On : 30 Jun 2018 14:26
Operator : MD\SY
Sample : VN0630WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Manual Integrations
APPROVED

apatel
7/2/2018 4:18:09 PM

Quant Time: Jul 02 01:35:11 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	1311990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1921964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1723224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	907939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	773341	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.59	113	672246	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.09	98	2580869	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	869905	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	294572	19.923	ug/l	99
3) Chloromethane	2.06	50	334299	18.103	ug/l	99
4) Vinyl Chloride	2.18	62	372199	18.766	ug/l	100
5) Bromomethane	2.57	94	192922	18.518	ug/l	99
6) Chloroethane	2.70	64	231208	18.418	ug/l	100
7) Trichlorofluoromethane	3.02	101	448696	19.805	ug/l	98
8) Diethyl Ether	3.41	74	173002	18.839	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	316754	19.433	ug/l	100
10) Methyl Iodide	3.95	142	418801	20.530	ug/l	99
11) Tert butyl alcohol	4.79	59	97517	98.083	ug/l	98
12) 1,1-Dichloroethene	3.73	96	281890	18.293	ug/l	98
13) Acrolein	3.61	56	96778	104.209	ug/l	98
14) Allyl chloride	4.32	41	442095	20.886	ug/l	99
15) Acrylonitrile	4.99	53	490359	95.492	ug/l	98
16) Acetone	3.82	43	360678	98.826	ug/l	99
17) Carbon Disulfide	4.05	76	759532	17.676	ug/l	100
18) Methyl Acetate	4.33	43	313312	16.793	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	771425	19.419	ug/l	100
20) Methylene Chloride	4.54	84	331030	18.554	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	291571	18.385	ug/l	99
22) Diisopropyl ether	5.95	45	937860	19.584	ug/l	96
23) Vinyl Acetate	5.90	43	2899342	93.361	ug/l	99
24) 1,1-Dichloroethane	5.85	63	573039	18.994	ug/l	100
25) 2-Butanone	6.84	43	546447	95.003	ug/l	98
26) 2,2-Dichloropropane	6.82	77	488191	19.483	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	336332	18.985	ug/l	99
28) Bromochloromethane	7.19	49	221536	17.301	ug/l	98
29) Tetrahydrofuran	7.21	42	354250	96.630	ug/l	99
30) Chloroform	7.37	83	581852	18.920	ug/l	99
31) Cyclohexane	7.65	56	492637	18.583	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	504814	19.388	ug/l	98
36) 1,1-Dichloropropene	7.79	75	430648	19.916	ug/l	100
37) Ethyl Acetate	6.93	43	239845	19.017	ug/l	96
38) Carbon Tetrachloride	7.77	117	414736	19.717	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	460071	19.406	ug/l	99
40) Benzene	8.04	78	1285923	19.476	ug/l	99
41) Methacrylonitrile	7.18	41	128757	18.111	ug/l	93
42) 1,2-Dichloroethane	8.12	62	407012	19.316	ug/l	100
43) Isopropyl Acetate	8.17	43	497403	19.509	ug/l	98
44) Trichloroethene	8.83	130	374180	18.792	ug/l	98
45) 1,2-Dichloropropane	9.12	63	338536	19.846	ug/l	100
46) Dibromomethane	9.21	93	199434	19.325	ug/l	99
47) Bromodichloromethane	9.40	83	431631	19.647	ug/l	97
48) Methyl methacrylate	9.20	41	217999	19.451	ug/l	99
49) 1,4-Dioxane	9.20	88	61702	409.509	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1244660	100.656	ug/l	99
52) Toluene	10.16	92	784533	19.668	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	401081	19.066	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	480242	19.533	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	291174	19.605	ug/l	98
56) Ethyl methacrylate	10.43	69	343179	19.712	ug/l	99
57) 1,3-Dichloropropane	10.71	76	476634	19.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	742358	89.096	ug/l	99
59) 2-Hexanone	10.75	43	827195	101.165	ug/l	99
60) Dibromochloromethane	10.90	129	319485	19.903	ug/l	100
61) 1,2-Dibromoethane	11.01	107	273412	19.213	ug/l	99
64) Tetrachloroethene	10.63	164	421793	18.077	ug/l	100
65) Chlorobenzene	11.44	112	857698	19.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	317453	19.653	ug/l	99
67) Ethyl Benzene	11.51	91	1447703	19.482	ug/l	99
68) m/p-Xylenes	11.62	106	1150247	40.391	ug/l	98
69) o-Xylene	11.95	106	542871	19.911	ug/l	99
70) Styrene	11.97	104	884364	20.047	ug/l	100
71) Bromoform	12.13	173	209064	19.479	ug/l #	99
73) Isopropylbenzene	12.25	105	1447805	20.019	ug/l	99
74) N-amyl acetate	12.07	43	370826	18.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	318046	20.347	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	295034m	20.261	ug/l	
77) Bromobenzene	12.53	156	372422	18.938	ug/l	98
78) n-propylbenzene	12.59	91	1670008	20.148	ug/l	100
79) 2-Chlorotoluene	12.68	91	1009857	19.251	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1241761	20.662	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	81021	18.898	ug/l	98
82) 4-Chlorotoluene	12.77	91	1012784	19.202	ug/l	99
83) tert-Butylbenzene	12.99	119	1031956	19.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1252349	20.280	ug/l	100
85) sec-Butylbenzene	13.17	105	1410493	20.621	ug/l	100
86) p-Isopropyltoluene	13.29	119	1222412	20.633	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	664132	19.600	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	655008	19.757	ug/l	100
89) n-Butylbenzene	13.62	91	988854	19.496	ug/l	100
90) Hexachloroethane	13.88	117	153861	24.724	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	659063	19.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51282	19.701	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	274539	18.026	ug/l	98
94) Hexachlorobutadiene	15.01	225	219625	21.503	ug/l	98
95) Naphthalene	15.14	128	540392	17.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	282255	18.830	ug/l	99

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

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