

Data File : VN049659.D
Acq On : 30 Jun 2018 20:27
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
7/2/2018 4:17:59 PM

Quant Time: Jul 02 02:21:46 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	1346377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2023409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1869508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1044750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	820329	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	7.59	113	711956	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.09	98	2763411	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.40	95	975813	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	695683	45.850	ug/l	96
3) Chloromethane	2.06	50	828105	43.697	ug/l	100
4) Vinyl Chloride	2.18	62	912357	44.825	ug/l	99
5) Bromomethane	2.56	94	458517	42.887	ug/l	99
6) Chloroethane	2.70	64	572821	44.464	ug/l	99
7) Trichlorofluoromethane	3.02	101	1053902	45.331	ug/l	98
8) Diethyl Ether	3.41	74	440323	46.725	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	738963	44.178	ug/l	100
10) Methyl Iodide	3.95	142	994366	47.500	ug/l	99
11) Tert butyl alcohol	4.80	59	270779	265.393	ug/l	99
12) 1,1-Dichloroethene	3.73	96	686994	43.443	ug/l	100
13) Acrolein	3.61	56	211474	221.895	ug/l	99
14) Allyl chloride	4.32	41	983630	45.283	ug/l	100
15) Acrylonitrile	4.99	53	1311842	248.943	ug/l	99
16) Acetone	3.82	43	944506	264.993	ug/l	98
17) Carbon Disulfide	4.05	76	1863556	42.764	ug/l	100
18) Methyl Acetate	4.33	43	759709	48.006	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	2005345	49.192	ug/l	98
20) Methylene Chloride	4.55	84	806255	44.036	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	732334	44.998	ug/l	98
22) Diisopropyl ether	5.96	45	2379158	48.411	ug/l	99
23) Vinyl Acetate	5.90	43	7880585	247.279	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1418717	45.824	ug/l	99
25) 2-Butanone	6.84	43	1442479	244.379	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1024976	39.861	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	845063	46.483	ug/l	99
28) Bromochloromethane	7.20	49	648180	49.328	ug/l	99
29) Tetrahydrofuran	7.21	42	978471	260.084	ug/l	100
30) Chloroform	7.37	83	1446077	45.820	ug/l	98
31) Cyclohexane	7.65	56	1186448	44.626	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1239544	46.390	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1060616	46.591	ug/l	99
37) Ethyl Acetate	6.93	43	695090	52.350	ug/l	99
38) Carbon Tetrachloride	7.77	117	1021587	46.133	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1129049	45.236	ug/l	100
40) Benzene	8.04	78	3243255	46.658	ug/l	100
41) Methacrylonitrile	7.18	41	369332	49.346	ug/l	97
42) 1,2-Dichloroethane	8.13	62	1043407	47.035	ug/l	100
43) Isopropyl Acetate	8.17	43	1295506	49.129	ug/l	99
44) Trichloroethene	8.84	130	926498	44.197	ug/l	98
45) 1,2-Dichloropropane	9.12	63	862294	48.015	ug/l	100
46) Dibromomethane	9.21	93	520703	47.926	ug/l	98
47) Bromodichloromethane	9.40	83	1101864	47.641	ug/l	98
48) Methyl methacrylate	9.20	41	616346	52.237	ug/l	98
49) 1,4-Dioxane	9.20	88	165508	1043.386	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3392979	260.634	ug/l	100
52) Toluene	10.16	92	1999830	47.622	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1059994	47.863	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1237864	47.825	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	748920	47.897	ug/l	99
56) Ethyl methacrylate	10.43	69	969271	52.884	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1244594	49.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2270496	238.220	ug/l	99
59) 2-Hexanone	10.75	43	2233043	259.406	ug/l	100
60) Dibromochloromethane	10.90	129	839075	49.650	ug/l	99
61) 1,2-Dibromoethane	11.01	107	725296	48.411	ug/l	100
64) Tetrachloroethene	10.63	164	1095544	43.279	ug/l	99
65) Chlorobenzene	11.44	112	2199808	45.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	817775	46.667	ug/l	100
67) Ethyl Benzene	11.51	91	3784403	46.943	ug/l	100
68) m/p-Xylenes	11.62	106	2958948	95.773	ug/l	100
69) o-Xylene	11.95	106	1433536	48.464	ug/l	98
70) Styrene	11.97	104	2377065	49.667	ug/l	100
71) Bromoform	12.13	173	572142	49.136	ug/l	99
73) Isopropylbenzene	12.25	105	3756968	45.145	ug/l	100
74) N-amyl acetate	12.07	43	1097109	48.263	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	873774	50.575	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	799786m	47.732	ug/l	
77) Bromobenzene	12.53	156	964281	42.613	ug/l	99
78) n-propylbenzene	12.59	91	4396775	46.099	ug/l	100
79) 2-Chlorotoluene	12.68	91	2633749	43.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3227137	46.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	221460	44.891	ug/l	98
82) 4-Chlorotoluene	12.77	91	2666549	43.935	ug/l	99
83) tert-Butylbenzene	12.99	119	2740768	46.137	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3313935	46.637	ug/l	100
85) sec-Butylbenzene	13.17	105	3636268	46.200	ug/l	100
86) p-Isopropyltoluene	13.29	119	3231519	47.402	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1754999	45.749	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1723672	45.755	ug/l	100
89) n-Butylbenzene	13.62	91	2621563	44.917	ug/l	99
90) Hexachloroethane	13.88	117	343655	47.990	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1732564	47.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140251	48.307	ug/l	97

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	805214	42.222	ug/l	99
94) Hexachlorobutadiene	15.01	225	519350	46.655	ug/l	99
95) Naphthalene	15.14	128	1746027	41.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	793567	43.630	ug/l	99

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

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