

Data File : VN049644.D
Acq On : 30 Jun 2018 11:52
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
7/2/2018 4:18:05 PM

Quant Time: Jul 02 01:28:45 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	1469662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2165725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1959271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1095007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	872070	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.59	113	761916	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.09	98	3034006	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	1058146	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	795712	48.044	ug/l	97
3) Chloromethane	2.06	50	895376	43.284	ug/l	100
4) Vinyl Chloride	2.18	62	1006924	45.321	ug/l	99
5) Bromomethane	2.56	94	487529	41.775	ug/l	98
6) Chloroethane	2.70	64	618930	44.013	ug/l	99
7) Trichlorofluoromethane	3.02	101	1145393	45.133	ug/l	100
8) Diethyl Ether	3.41	74	458814	44.603	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	857874	46.984	ug/l	99
10) Methyl Iodide	3.95	142	1145897	50.147	ug/l	99
11) Tert butyl alcohol	4.79	59	245830	220.729	ug/l	100
12) 1,1-Dichloroethene	3.73	96	763311	44.220	ug/l	100
13) Acrolein	3.60	56	242116	232.736	ug/l	99
14) Allyl chloride	4.32	41	1134116	47.831	ug/l	100
15) Acrylonitrile	4.99	53	1282898	223.028	ug/l	99
16) Acetone	3.82	43	875959	223.904	ug/l	99
17) Carbon Disulfide	4.05	76	2103174	44.227	ug/l	100
18) Methyl Acetate	4.33	43	761426	43.579	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	2084488	46.844	ug/l	98
20) Methylene Chloride	4.55	84	867934	43.428	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	805395	45.336	ug/l	98
22) Diisopropyl ether	5.95	45	2578231	48.061	ug/l	100
23) Vinyl Acetate	5.90	43	8220650	236.311	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1541443	45.611	ug/l	99
25) 2-Butanone	6.84	43	1418785	220.202	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1322461	47.116	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	932091	46.970	ug/l	100
28) Bromochloromethane	7.19	49	721817	50.324	ug/l	100
29) Tetrahydrofuran	7.21	42	927387	225.827	ug/l	99
30) Chloroform	7.37	83	1578526	45.821	ug/l	99
31) Cyclohexane	7.65	56	1372719	47.346	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1355647	46.480	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1193950	49.001	ug/l	100
37) Ethyl Acetate	6.93	43	658975	46.368	ug/l	99
38) Carbon Tetrachloride	7.77	117	1160356	48.956	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1338593	50.107	ug/l	100
40) Benzene	8.04	78	3546031	47.662	ug/l	99
41) Methacrylonitrile	7.17	41	362129	45.204	ug/l	99
42) 1,2-Dichloroethane	8.12	62	1086295	45.750	ug/l	100
43) Isopropyl Acetate	8.17	43	1255431	44.426	ug/l	98
44) Trichloroethene	8.83	130	1021499	45.527	ug/l	99
45) 1,2-Dichloropropane	9.12	63	936705	48.731	ug/l	100
46) Dibromomethane	9.21	93	540693	46.496	ug/l	98
47) Bromodichloromethane	9.40	83	1192713	48.180	ug/l	99
48) Methyl methacrylate	9.20	41	606205	48.001	ug/l	99
49) 1,4-Dioxane	9.20	88	157057	925.047	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3238717	232.436	ug/l	100
52) Toluene	10.16	92	2196075	48.858	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1166431	49.208	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1381333	49.861	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	773380	46.211	ug/l	99
56) Ethyl methacrylate	10.43	69	983098	50.114	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1293558	47.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2209586	217.578	ug/l	100
59) 2-Hexanone	10.75	43	2223587	241.333	ug/l	100
60) Dibromochloromethane	10.90	129	882783	48.804	ug/l	98
61) 1,2-Dibromoethane	11.01	107	748376	46.669	ug/l	99
64) Tetrachloroethene	10.63	164	1182704	44.581	ug/l	99
65) Chlorobenzene	11.44	112	2412527	47.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	884870	48.182	ug/l	99
67) Ethyl Benzene	11.51	91	4214730	49.885	ug/l	100
68) m/p-Xylenes	11.62	106	3292493	101.686	ug/l	100
69) o-Xylene	11.95	106	1579427	50.949	ug/l	98
70) Styrene	11.97	104	2608389	52.003	ug/l	100
71) Bromoform	12.13	173	597334	48.949	ug/l #	99
73) Isopropylbenzene	12.25	105	4209893	48.266	ug/l	100
74) N-amyl acetate	12.07	43	1076350	45.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	849247	46.795	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	734221m	41.808	ug/l	
77) Bromobenzene	12.53	156	1056251	44.535	ug/l	99
78) n-propylbenzene	12.59	91	4942561	49.443	ug/l	99
79) 2-Chlorotoluene	12.68	91	2910463	46.004	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3582761	49.431	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	240065	46.429	ug/l	99
82) 4-Chlorotoluene	12.77	91	2978609	46.825	ug/l	99
83) tert-Butylbenzene	12.99	119	3020019	48.504	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3670130	49.279	ug/l	100
85) sec-Butylbenzene	13.17	105	4140424	50.191	ug/l	100
86) p-Isopropyltoluene	13.29	119	3683509	51.552	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1976167	49.192	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1930801	48.932	ug/l	99
89) n-Butylbenzene	13.62	91	3138367	51.304	ug/l	100
90) Hexachloroethane	13.88	117	455939	60.748	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1900625	49.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140658	46.177	ug/l	99

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	949824	47.217	ug/l	99
94) Hexachlorobutadiene	15.01	225	627544	54.144	ug/l	99
95) Naphthalene	15.14	128	1917873	43.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	905275	47.342	ug/l	100

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

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