

Data File : VN051393.D
Acq On : 22 Sep 2018 13:07
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:19 PM

Quant Time: Sep 24 05:48:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	811103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	731056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	384057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	341533	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	7.59	113	307734	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.09	98	1162636	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.40	95	376438	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	250335	45.645	ug/l	100
3) Chloromethane	2.06	50	398308	45.622	ug/l	100
4) Vinyl Chloride	2.19	62	440857	45.751	ug/l	100
5) Bromomethane	2.56	94	276691	47.918	ug/l	100
6) Chloroethane	2.70	64	286738	47.755	ug/l	100
7) Trichlorofluoromethane	3.01	101	615101	48.734	ug/l	100
8) Diethyl Ether	3.41	74	221411	56.346	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	390879	54.874	ug/l	100
10) Methyl Iodide	3.95	142	527636	55.728	ug/l	100
11) Tert butyl alcohol	4.79	59	111860	269.491	ug/l	100
12) 1,1-Dichloroethene	3.74	96	349116	53.377	ug/l	100
13) Acrolein	3.61	56	119352	289.202	ug/l	100
14) Allyl chloride	4.32	41	630191	57.428	ug/l	100
15) Acrylonitrile	4.99	53	638871	282.585	ug/l	100
16) Acetone	3.82	43	481408	298.879	ug/l	100
17) Carbon Disulfide	4.05	76	1067756	55.567	ug/l	100
18) Methyl Acetate	4.33	43	319521	56.972	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	894023	53.007	ug/l	100
20) Methylene Chloride	4.55	84	412667	56.631	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	355402	53.117	ug/l	100
22) Diisopropyl ether	5.95	45	1030022	48.559	ug/l	100
23) Vinyl Acetate	5.90	43	3374747	242.334	ug/l	100
24) 1,1-Dichloroethane	5.85	63	599391	47.359	ug/l	100
25) 2-Butanone	6.84	43	585916	232.461	ug/l	100
26) 2,2-Dichloropropane	6.83	77	461819	46.746	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	352781	48.053	ug/l	100
28) Bromochloromethane	7.20	49	282252	48.293	ug/l	100
29) Tetrahydrofuran	7.21	42	387918	242.864	ug/l	100
30) Chloroform	7.37	83	600831	47.911	ug/l	100
31) Cyclohexane	7.66	56	543121	46.839	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	511620	47.721	ug/l	100
36) 1,1-Dichloropropene	7.79	75	451383	48.057	ug/l	100
37) Ethyl Acetate	6.93	43	264607	48.997	ug/l	100
38) Carbon Tetrachloride	7.78	117	480661	48.925	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	540915	49.263	ug/l	100
40) Benzene	8.04	78	1356320	49.179	ug/l	100
41) Methacrylonitrile	7.17	41	139287	46.619	ug/l	100
42) 1,2-Dichloroethane	8.12	62	423155	47.918	ug/l	100
43) Isopropyl Acetate	8.17	43	465946	47.713	ug/l	100
44) Trichloroethene	8.84	130	354683	48.419	ug/l	100
45) 1,2-Dichloropropane	9.12	63	367968	49.083	ug/l	100
46) Dibromomethane	9.21	93	205798	48.584	ug/l	100
47) Bromodichloromethane	9.40	83	458429	48.905	ug/l	100
48) Methyl methacrylate	9.20	41	235759	48.423	ug/l	100
49) 1,4-Dioxane	9.20	88	58393	978.612	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1296958	241.489	ug/l	100
52) Toluene	10.16	92	826383	48.215	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	454345	48.009	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	534801	48.729	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	296825	49.003	ug/l	100
56) Ethyl methacrylate	10.43	69	367166	49.578	ug/l	100
57) 1,3-Dichloropropane	10.71	76	507300	48.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	920112	231.240	ug/l	100
59) 2-Hexanone	10.75	43	845462	242.837	ug/l	100
60) Dibromochloromethane	10.90	129	348902	48.819	ug/l	100
61) 1,2-Dibromoethane	11.00	107	280263	47.662	ug/l	100
64) Tetrachloroethene	10.63	164	323096	48.698	ug/l	100
65) Chlorobenzene	11.43	112	898868	47.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	343254	48.034	ug/l	100
67) Ethyl Benzene	11.51	91	1559168	49.325	ug/l	100
68) m/p-Xylenes	11.62	106	1222349	99.972	ug/l	100
69) o-Xylene	11.95	106	582802	49.582	ug/l	100
70) Styrene	11.96	104	933077	50.096	ug/l	100
71) Bromoform	12.13	173	233325	48.119	ug/l	100
73) Isopropylbenzene	12.25	105	1561793	48.197	ug/l	100
74) N-amyl acetate	12.07	43	387346	47.642	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	352360	46.631	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	309466m	49.952	ug/l	
77) Bromobenzene	12.53	156	383801	46.787	ug/l	100
78) n-propylbenzene	12.59	91	1778486	48.698	ug/l	100
79) 2-Chlorotoluene	12.67	91	1036655	47.421	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1293932	48.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	98366	47.442	ug/l	100
82) 4-Chlorotoluene	12.77	91	1040127	47.671	ug/l	100
83) tert-Butylbenzene	12.99	119	1130636	48.075	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1309431	49.180	ug/l	100
85) sec-Butylbenzene	13.17	105	1535984	48.276	ug/l	100
86) p-Isopropyltoluene	13.29	119	1347941	48.962	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	673944	47.475	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	658987	48.246	ug/l	100
89) n-Butylbenzene	13.61	91	1117162	49.347	ug/l	100
90) Hexachloroethane	13.87	117	255134	46.512	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	657437	47.732	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50589	46.912	ug/l	100

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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	334498	45.639	ug/l	100
94) Hexachlorobutadiene	15.01	225	246179	47.239	ug/l	100
95) Naphthalene	15.13	128	613253	44.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	329326	49.823	ug/l	100

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

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