

Data File : VN051392.D
Acq On : 22 Sep 2018 12:42
Operator : MD\SY
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:18 PM

Quant Time: Sep 24 05:47:32 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	515338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	718660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	641039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	307980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	89258	13.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.66%	
35) Dibromofluoromethane	7.59	113	80899	14.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.16%	
50) Toluene-d8	10.09	98	305295	14.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.22%	
62) 4-Bromofluorobenzene	12.40	95	90579	12.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	79055	16.443	ug/l	100
3) Chloromethane	2.06	50	125223	16.361	ug/l	98
4) Vinyl Chloride	2.18	62	142674	16.890	ug/l	98
5) Bromomethane	2.57	94	84720	16.775	ug/l	97
6) Chloroethane	2.70	64	86340	16.403	ug/l	100
7) Trichlorofluoromethane	3.02	101	180476	16.311	ug/l	98
8) Diethyl Ether	3.41	74	51184	12.680	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	94485	15.131	ug/l	98
10) Methyl Iodide	3.95	142	120374	14.707	ug/l	99
11) Tert butyl alcohol	4.79	59	26664	73.278	ug/l	98
12) 1,1-Dichloroethene	3.74	96	84174	14.681	ug/l	99
13) Acrolein	3.61	56	24854	68.698	ug/l	96
14) Allyl chloride	4.33	41	142206	14.782	ug/l	98
15) Acrylonitrile	4.99	53	151483	76.432	ug/l	98
16) Acetone	3.82	43	110964	58.966	ug/l	100
17) Carbon Disulfide	4.05	76	257397	15.280	ug/l	100
18) Methyl Acetate	4.33	43	77044	15.670	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	220034	14.882	ug/l	100
20) Methylene Chloride	4.56	84	102659	16.070	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	95074	16.209	ug/l	94
22) Diisopropyl ether	5.95	45	306577	16.487	ug/l	96
23) Vinyl Acetate	5.90	43	950788	77.882	ug/l	100
24) 1,1-Dichloroethane	5.85	63	180736	16.290	ug/l	99
25) 2-Butanone	6.84	43	172094	77.886	ug/l	99
26) 2,2-Dichloropropane	6.83	77	140000	16.165	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	104284	16.203	ug/l	98
28) Bromochloromethane	7.20	49	83977	16.390	ug/l	95
29) Tetrahydrofuran	7.22	42	109126	77.934	ug/l	98
30) Chloroform	7.37	83	184406	16.774	ug/l	100
31) Cyclohexane	7.66	56	161370	15.875	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	154471	16.436	ug/l	100
36) 1,1-Dichloropropene	7.79	75	134821	16.200	ug/l	98
37) Ethyl Acetate	6.93	43	76579	16.004	ug/l	99
38) Carbon Tetrachloride	7.78	117	143994	16.542	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	150571	15.477	ug/l	95
40) Benzene	8.04	78	416266	17.035	ug/l	99
41) Methacrylonitrile	7.17	41	38205	14.432	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	131432	16.798	ug/l	99
43) Isopropyl Acetate	8.17	43	136658	15.794	ug/l	99
44) Trichloroethene	8.84	130	107161	16.511	ug/l	100
45) 1,2-Dichloropropane	9.12	63	111447	16.778	ug/l	95
46) Dibromomethane	9.21	93	62867	16.751	ug/l	99
47) Bromodichloromethane	9.40	83	141382	17.023	ug/l	99
48) Methyl methacrylate	9.20	41	68915	15.975	ug/l	98
49) 1,4-Dioxane	9.20	88	18041	341.242	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	378857	79.616	ug/l	100
52) Toluene	10.16	92	246139	16.208	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	131314	15.660	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	159396	16.392	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	93097	17.346	ug/l	96
56) Ethyl methacrylate	10.43	69	100252	15.278	ug/l	98
57) 1,3-Dichloropropane	10.71	76	153343	16.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	277394	92.120	ug/l	99
59) 2-Hexanone	10.75	43	241241	78.203	ug/l	98
60) Dibromochloromethane	10.90	129	104742	16.541	ug/l	99
61) 1,2-Dibromoethane	11.00	107	84720	16.261	ug/l	99
64) Tetrachloroethene	10.63	164	94941	16.319	ug/l	96
65) Chlorobenzene	11.44	112	267781	16.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	104928	16.745	ug/l	99
67) Ethyl Benzene	11.51	91	443212	15.990	ug/l	99
68) m/p-Xylenes	11.62	106	343038	31.996	ug/l	100
69) o-Xylene	11.95	106	166403	16.145	ug/l	100
70) Styrene	11.96	104	253265	15.507	ug/l	98
71) Bromoform	12.12	173	67350	15.840	ug/l #	98
73) Isopropylbenzene	12.25	105	440159	16.939	ug/l	100
74) N-amyl acetate	12.07	43	99900	15.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	107039	17.664	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	91540m	18.426	ug/l	
77) Bromobenzene	12.53	156	111498	16.950	ug/l	98
78) n-propylbenzene	12.59	91	483235	16.500	ug/l	99
79) 2-Chlorotoluene	12.67	91	294462	16.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	358258	16.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25822	15.530	ug/l	98
82) 4-Chlorotoluene	12.77	91	288627	16.496	ug/l	100
83) tert-Butylbenzene	12.99	119	314172	16.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	361955	16.952	ug/l	100
85) sec-Butylbenzene	13.17	105	422039	16.541	ug/l	100
86) p-Isopropyltoluene	13.29	119	359658	16.291	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	184856	16.239	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	175957	16.064	ug/l	99
89) n-Butylbenzene	13.62	91	275236	15.161	ug/l	99
90) Hexachloroethane	13.87	117	74515	16.940	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	182363	16.511	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13963	16.147	ug/l	98

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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	72129	16.645	ug/l	99
94) Hexachlorobutadiene	15.01	225	73202	17.517	ug/l	95
95) Naphthalene	15.13	128	122156	16.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	76950	14.517	ug/l	99

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

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