

Data File : VN051394.D
Acq On : 22 Sep 2018 13:31
Operator : MD\SY
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:20 PM

Quant Time: Sep 24 06:02:10 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	552186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	768915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	390240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	695041	100.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.96%	
35) Dibromofluoromethane	7.59	113	621913	101.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.30%	
50) Toluene-d8	10.09	98	2373557	102.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.02%	
62) 4-Bromofluorobenzene	12.40	95	805063	107.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	502924	97.624	ug/l	99
3) Chloromethane	2.06	50	808896	98.636	ug/l	100
4) Vinyl Chloride	2.18	62	905559	100.048	ug/l	99
5) Bromomethane	2.55	94	528752	97.424	ug/l	99
6) Chloroethane	2.70	64	539986	95.742	ug/l	100
7) Trichlorofluoromethane	3.01	101	1129496	95.270	ug/l	98
8) Diethyl Ether	3.41	74	361812	100.212	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	615318	91.962	ug/l	98
10) Methyl Iodide	3.95	142	889588	99.807	ug/l	99
11) Tert butyl alcohol	4.79	59	193715	496.842	ug/l #	92
12) 1,1-Dichloroethene	3.73	96	565913	92.113	ug/l	98
13) Acrolein	3.61	56	202252	521.734	ug/l	99
14) Allyl chloride	4.32	41	1024878	99.428	ug/l	99
15) Acrylonitrile	4.99	53	1046912	492.981	ug/l	99
16) Acetone	3.82	43	740902	506.692	ug/l	98
17) Carbon Disulfide	4.05	76	1705281	94.477	ug/l	100
18) Methyl Acetate	4.33	43	510946	96.989	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1619425	102.219	ug/l	100
20) Methylene Chloride	4.55	84	648204	94.700	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	614727	97.810	ug/l	98
22) Diisopropyl ether	5.95	45	2061693	103.474	ug/l	97
23) Vinyl Acetate	5.90	43	6966438	532.561	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1187003	99.846	ug/l	99
25) 2-Butanone	6.84	43	1195532	504.964	ug/l	99
26) 2,2-Dichloropropane	6.83	77	943137	101.632	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	701832	101.772	ug/l	98
28) Bromochloromethane	7.20	49	547162	99.666	ug/l	99
29) Tetrahydrofuran	7.21	42	793011	528.551	ug/l	100
30) Chloroform	7.37	83	1177724	99.979	ug/l	99
31) Cyclohexane	7.65	56	1094763	100.511	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1031197	102.398	ug/l	99
36) 1,1-Dichloropropene	7.79	75	929724	104.414	ug/l	99
37) Ethyl Acetate	6.93	43	533838	104.273	ug/l	99
38) Carbon Tetrachloride	7.77	117	955325	102.576	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1116283	107.242	ug/l	100
40) Benzene	8.04	78	2687223	102.783	ug/l	99
41) Methacrylonitrile	7.17	41	269177	95.036	ug/l	95
42) 1,2-Dichloroethane	8.13	62	858720	102.576	ug/l	100
43) Isopropyl Acetate	8.17	43	986522	106.564	ug/l	100
44) Trichloroethene	8.84	130	710332	102.291	ug/l	100
45) 1,2-Dichloropropane	9.12	63	725190	102.040	ug/l	99
46) Dibromomethane	9.21	93	415221	103.403	ug/l	99
47) Bromodichloromethane	9.40	83	915919	103.070	ug/l	100
48) Methyl methacrylate	9.20	41	500222	108.379	ug/l	100
49) 1,4-Dioxane	9.20	88	120406	2128.606	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2645043	519.520	ug/l	99
52) Toluene	10.16	92	1685917	103.762	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	969647	108.081	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1105918	106.297	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	588687	102.519	ug/l	99
56) Ethyl methacrylate	10.43	69	785565	111.893	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1022245	103.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2002726	504.536	ug/l	100
59) 2-Hexanone	10.75	43	1772952	537.174	ug/l	100
60) Dibromochloromethane	10.90	129	713999	105.385	ug/l	100
61) 1,2-Dibromoethane	11.01	107	585444	105.025	ug/l	100
64) Tetrachloroethene	10.63	164	640501	100.508	ug/l	99
65) Chlorobenzene	11.43	112	1847811	102.567	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	702637	102.369	ug/l	99
67) Ethyl Benzene	11.51	91	3236538	106.600	ug/l	100
68) m/p-Xylenes	11.62	106	2466556	210.028	ug/l	99
69) o-Xylene	11.95	106	1204895	106.723	ug/l	99
70) Styrene	11.96	104	1960852	109.606	ug/l	99
71) Bromoform	12.13	173	497666	106.855	ug/l	99
73) Isopropylbenzene	12.25	105	3230981	98.128	ug/l	100
74) N-amyl acetate	12.07	43	858350	103.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	732109	95.351	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	592728m	94.158	ug/l	
77) Bromobenzene	12.53	156	797886	95.725	ug/l	99
78) n-propylbenzene	12.59	91	3714604	100.101	ug/l	100
79) 2-Chlorotoluene	12.68	91	2159296	97.211	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2665729	99.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	219746	104.304	ug/l	99
82) 4-Chlorotoluene	12.77	91	2194124	98.967	ug/l	99
83) tert-Butylbenzene	12.99	119	2347119	98.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2727915	100.832	ug/l	100
85) sec-Butylbenzene	13.17	105	3232893	100.000	ug/l	99
86) p-Isopropyltoluene	13.29	119	2850908	101.914	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1432363	99.303	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1397883	100.721	ug/l	100
89) n-Butylbenzene	13.61	91	2446755	106.366	ug/l	99
90) Hexachloroethane	13.87	117	527877	94.709	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1372785	98.089	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	108315	98.851	ug/l	99

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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	789060	98.048	ug/l	99
94) Hexachlorobutadiene	15.01	225	501097	94.632	ug/l	98
95) Naphthalene	15.13	128	1534718	96.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	744811	110.896	ug/l	98

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

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