

Data File : VN051398.D
Acq On : 22 Sep 2018 15:32
Operator : MD\SY
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:23 PM

Quant Time: Sep 24 06:07:55 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	538079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	770678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	663987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	124455	18.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.92%	
35) Dibromofluoromethane	7.59	113	113316	18.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.78%	
50) Toluene-d8	10.09	98	413069	17.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.60%	
62) 4-Bromofluorobenzene	12.40	95	127540	16.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	97766	19.475	ug/l	97
3) Chloromethane	2.06	50	159494	19.958	ug/l	99
4) Vinyl Chloride	2.19	62	173572	19.679	ug/l	99
5) Bromomethane	2.57	94	108335	20.531	ug/l	96
6) Chloroethane	2.70	64	109729	19.966	ug/l	96
7) Trichlorofluoromethane	3.01	101	229314	19.849	ug/l	99
8) Diethyl Ether	3.41	74	65590	16.235	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	118380	18.156	ug/l	97
10) Methyl Iodide	3.95	142	142930	16.687	ug/l	98
11) Tert butyl alcohol	4.79	59	34844	91.711	ug/l	96
12) 1,1-Dichloroethene	3.74	96	107243	17.913	ug/l	94
13) Acrolein	3.61	56	32629	86.377	ug/l	100
14) Allyl chloride	4.33	41	184799	18.398	ug/l	99
15) Acrylonitrile	4.99	53	186344	90.048	ug/l	99
16) Acetone	3.82	43	141379	77.816	ug/l	98
17) Carbon Disulfide	4.05	76	317777	18.067	ug/l	99
18) Methyl Acetate	4.33	43	93645	18.242	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	290486	18.816	ug/l	98
20) Methylene Chloride	4.55	84	125512	18.818	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	116193	18.972	ug/l	100
22) Diisopropyl ether	5.95	45	387697	19.968	ug/l	96
23) Vinyl Acetate	5.90	43	1211597	95.051	ug/l	100
24) 1,1-Dichloroethane	5.85	63	231104	19.949	ug/l	99
25) 2-Butanone	6.84	43	210350	91.176	ug/l	94
26) 2,2-Dichloropropane	6.83	77	176303	19.496	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	129833	19.321	ug/l	98
28) Bromochloromethane	7.20	49	106144	19.841	ug/l	97
29) Tetrahydrofuran	7.22	42	140831	96.326	ug/l	99
30) Chloroform	7.37	83	229098	19.958	ug/l	95
31) Cyclohexane	7.65	56	205180	19.332	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	194927	19.864	ug/l	99
36) 1,1-Dichloropropene	7.80	75	168576	18.889	ug/l	99
37) Ethyl Acetate	6.93	43	92450	18.017	ug/l	98
38) Carbon Tetrachloride	7.77	117	178331	19.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	188910	18.107	ug/l	96
40) Benzene	8.04	78	507112	19.352	ug/l	100
41) Methacrylonitrile	7.19	41	60787	21.413	ug/l #	85
42) 1,2-Dichloroethane	8.13	62	160872	19.173	ug/l	100
43) Isopropyl Acetate	8.17	43	176096	18.978	ug/l	98
44) Trichloroethene	8.83	130	131252	18.858	ug/l	99
45) 1,2-Dichloropropane	9.12	63	136498	19.162	ug/l	100
46) Dibromomethane	9.21	93	76684	19.053	ug/l	100
47) Bromodichloromethane	9.40	83	168921	18.966	ug/l	98
48) Methyl methacrylate	9.20	41	82961	17.933	ug/l	97
49) 1,4-Dioxane	9.20	88	21103	372.218	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	467090	91.532	ug/l	99
52) Toluene	10.16	92	306287	18.808	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	161179	17.925	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	192877	18.496	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	110659	19.227	ug/l	99
56) Ethyl methacrylate	10.43	69	125233	17.797	ug/l	99
57) 1,3-Dichloropropane	10.71	76	186819	18.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	327494	99.361	ug/l	100
59) 2-Hexanone	10.75	43	293015	88.575	ug/l	98
60) Dibromochloromethane	10.90	129	126127	18.574	ug/l	100
61) 1,2-Dibromoethane	11.00	107	103255	18.481	ug/l	99
64) Tetrachloroethene	10.63	164	118501	19.665	ug/l	98
65) Chlorobenzene	11.43	112	328326	19.273	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	127156	19.591	ug/l	99
67) Ethyl Benzene	11.51	91	543270	18.923	ug/l	100
68) m/p-Xylenes	11.62	106	429787	38.702	ug/l	99
69) o-Xylene	11.95	106	204682	19.172	ug/l	98
70) Styrene	11.96	104	316108	18.686	ug/l	99
71) Bromoform	12.13	173	84154	19.108	ug/l #	97
73) Isopropylbenzene	12.25	105	548665	20.197	ug/l	100
74) N-amyl acetate	12.07	43	128512	18.854	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	129513	20.444	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	119944m	23.094	ug/l	
77) Bromobenzene	12.53	156	137635	20.014	ug/l	97
78) n-propylbenzene	12.59	91	607869	19.854	ug/l	100
79) 2-Chlorotoluene	12.67	91	371103	20.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	455445	20.560	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	32133	18.486	ug/l	97
82) 4-Chlorotoluene	12.77	91	364311	19.917	ug/l	98
83) tert-Butylbenzene	12.99	119	391602	19.862	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	448698	20.102	ug/l	99
85) sec-Butylbenzene	13.17	105	529063	19.835	ug/l	99
86) p-Isopropyltoluene	13.29	119	457311	19.814	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	233111	19.588	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	218026	19.040	ug/l	98
89) n-Butylbenzene	13.62	91	350337	18.459	ug/l	99
90) Hexachloroethane	13.87	117	91049	19.799	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	231352	20.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17889	19.788	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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	97142	19.719	ug/l	98
94) Hexachlorobutadiene	15.01	225	86024	19.690	ug/l	98
95) Naphthalene	15.13	128	163407	19.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	98509	17.777	ug/l	100

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

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