Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052147.D
Acq On : 5 Nov 2018 14:29
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
11/6/2018 9:59:58 AM

Quant Time: Nov 05 22:24:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:07:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	426536	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	696511	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	641052	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	300746	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	482820	95.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 190.92%				
35) Dibromofluoromethane	7.59	113	445725	103.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 206.14%				
50) Toluene-d8	10.09	98	1725052	103.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 206.36%				
62) 4-Bromofluorobenzene	12.40	95	580586	105.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 211.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	380692	102.352	ug/l		95
3) Chloromethane	2.06	50	485891	96.787	ug/l		99
4) Vinyl Chloride	2.19	62	468300	97.396	ug/l		99
5) Bromomethane	2.57	94	322255	89.650	ug/l		96
6) Chloroethane	2.71	64	293043	95.318	ug/l		99
7) Trichlorofluoromethane	3.02	101	680044	97.366	ug/l		100
8) Diethyl Ether	3.41	74	238208	97.622	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	414850	99.397	ug/l		99
10) Methyl Iodide	3.96	142	625010	106.065	ug/l		99
11) Tert butyl alcohol	4.78	59	99166	450.590	ug/l	#	90
12) 1,1-Dichloroethene	3.74	96	385677	98.152	ug/l		100
13) Acrolein	3.61	56	108378	547.747	ug/l		96
14) Allyl chloride	4.33	41	646551	98.587	ug/l		92
15) Acrylonitrile	4.99	53	706126	487.716	ug/l		99
16) Acetone	3.81	43	517818	451.884	ug/l		97
17) Carbon Disulfide	4.06	76	1150557	102.609	ug/l		100
18) Methyl Acetate	4.32	43	318881	89.919	ug/l		99
19) Methyl tert-butyl Ether	5.05	73	1077046	99.503	ug/l		97
20) Methylene Chloride	4.56	84	449703	94.449	ug/l		96
21) trans-1,2-Dichloroethene	5.05	96	431648	105.633	ug/l		98
22) Diisopropyl ether	5.95	45	1428702	98.819	ug/l		99
23) Vinyl Acetate	5.90	43	4986000	524.318	ug/l		100
24) 1,1-Dichloroethane	5.85	63	812510	99.345	ug/l		100
25) 2-Butanone	6.83	43	814280	458.263	ug/l		99
26) 2,2-Dichloropropane	6.83	77	650142	101.634	ug/l		98
27) cis-1,2-Dichloroethene	6.83	96	504930	101.859	ug/l		97
28) Bromochloromethane	7.20	49	382295	98.734	ug/l		93
29) Tetrahydrofuran	7.21	42	533444	485.211	ug/l		99
30) Chloroform	7.37	83	827191	101.559	ug/l		97
31) Cyclohexane	7.66	56	751098	81.341	ug/l		99
32) 1,1,1-Trichloroethane	7.57	97	721002	99.797	ug/l		99
36) 1,1-Dichloropropene	7.80	75	636681	103.331	ug/l		98
37) Ethyl Acetate	6.93	43	376638	97.078	ug/l		96
38) Carbon Tetrachloride	7.78	117	658761	107.015	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	778388	106.668 ug/l		100
40) Benzene	8.04	78	1869158	103.194 ug/l		100
41) Methacrylonitrile	7.17	41	213069	106.841 ug/l		96
42) 1,2-Dichloroethane	8.12	62	586730	100.764 ug/l		99
43) Isopropyl Acetate	8.17	43	696646	99.091 ug/l	#	90
44) Trichloroethene	8.84	130	508260	105.986 ug/l		100
45) 1,2-Dichloropropane	9.12	63	492947	102.763 ug/l		97
46) Dibromomethane	9.21	93	304314	99.753 ug/l		98
47) Bromodichloromethane	9.40	83	634329	106.617 ug/l		100
48) Methyl methacrylate	9.20	41	348362	102.954 ug/l		99
49) 1,4-Dioxane	9.20	88	55483	2031.613 ug/l		95
51) 4-Methyl-2-Pentanone	9.99	43	1879642	506.074 ug/l		99
52) Toluene	10.16	92	1172377	107.335 ug/l		100
53) t-1,3-Dichloropropene	10.38	75	653388	111.947 ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	750711	109.916 ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	405458	105.287 ug/l		99
56) Ethyl methacrylate	10.43	69	532840	106.152 ug/l		99
57) 1,3-Dichloropropane	10.71	76	695426	102.506 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	1453669	538.116 ug/l		99
59) 2-Hexanone	10.75	43	1273759	492.652 ug/l		99
60) Dibromochloromethane	10.90	129	490327	111.962 ug/l		99
61) 1,2-Dibromoethane	11.01	107	421247	107.759 ug/l		100
64) Tetrachloroethene	10.63	164	440062	105.960 ug/l		98
65) Chlorobenzene	11.43	112	1327567	101.603 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	469045	106.892 ug/l		98
67) Ethyl Benzene	11.51	91	2259167	104.099 ug/l		100
68) m/p-Xylenes	11.62	106	1766462	210.949 ug/l		99
69) o-Xylene	11.95	106	846579	104.246 ug/l		99
70) Styrene	11.96	104	1372382	106.752 ug/l		99
71) Bromoform	12.13	173	294955	116.074 ug/l	#	99
73) Isopropylbenzene	12.25	105	2253602	99.106 ug/l		99
74) N-amyl acetate	12.07	43	669782	93.039 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	467812	93.987 ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	414097m	103.145 ug/l		
77) Bromobenzene	12.53	156	545468	100.594 ug/l		98
78) n-propylbenzene	12.59	91	2569521	98.875 ug/l		100
79) 2-Chlorotoluene	12.67	91	1466042	96.201 ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	1806987	98.172 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	143095	108.257 ug/l		95
82) 4-Chlorotoluene	12.77	91	1502958	98.124 ug/l		100
83) tert-Butylbenzene	12.99	119	1577867	97.083 ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1840370	100.444 ug/l		98
85) sec-Butylbenzene	13.17	105	2167611	98.632 ug/l		99
86) p-Isopropyltoluene	13.29	119	1882689	101.780 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	954749	99.635 ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	953103	99.511 ug/l		99
89) n-Butylbenzene	13.61	91	1609426	100.482 ug/l		99
90) Hexachloroethane	13.87	117	333266	106.904 ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	904736	100.606 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64746	98.541 ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	417538	99.897 ug/l	99
94) Hexachlorobutadiene	15.01	225	212906	87.622 ug/l	99
95) Naphthalene	15.13	128	935289	101.557 ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	360955	97.459 ug/l	98

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

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