Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\
Data File : VN051658.D
Acq On : 4 Oct 2018 11:16
Operator : MD\SY
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
10/8/2018 1:53:08 PM

Quant Time: Oct 05 02:07:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	555976	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	859885	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	781086	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	384393	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	139388	18.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 37.96%				
35) Dibromofluoromethane	7.59	113	125973	18.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 37.90%				
50) Toluene-d8	10.09	98	461143	18.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 37.18%				
62) 4-Bromofluorobenzene	12.40	95	149492	17.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 34.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	147917	22.419	ug/l		98
3) Chloromethane	2.06	50	143192	22.568	ug/l		100
4) Vinyl Chloride	2.18	62	226579	22.670	ug/l		97
5) Bromomethane	2.57	94	145799	18.969	ug/l		100
6) Chloroethane	2.70	64	149532	22.260	ug/l		96
7) Trichlorofluoromethane	3.01	101	221273	19.418	ug/l		98
8) Diethyl Ether	3.41	74	61161	20.999	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	119591	21.528	ug/l		99
10) Methyl Iodide	3.95	142	139235	20.561	ug/l		99
11) Tert butyl alcohol	4.79	59	48525	104.911	ug/l	#	73
12) 1,1-Dichloroethene	3.74	96	109544	21.157	ug/l		98
13) Acrolein	3.61	56	32584	104.487	ug/l		94
14) Allyl chloride	4.33	41	166119	21.036	ug/l		98
15) Acrylonitrile	5.00	53	173303	100.612	ug/l		100
16) Acetone	3.82	43	138700	103.183	ug/l		99
17) Carbon Disulfide	4.05	76	317270	20.159	ug/l		100
18) Methyl Acetate	4.33	43	84322	20.800	ug/l		98
19) Methyl tert-butyl Ether	5.05	73	348492	20.391	ug/l		99
20) Methylene Chloride	4.55	84	122847	20.329	ug/l		95
21) trans-1,2-Dichloroethene	5.05	96	122104	19.901	ug/l		96
22) Diisopropyl ether	5.95	45	352338	20.814	ug/l		97
23) Vinyl Acetate	5.90	43	1262219	101.409	ug/l		100
24) 1,1-Dichloroethane	5.85	63	221029	20.302	ug/l		98
25) 2-Butanone	6.84	43	215043	101.393	ug/l		100
26) 2,2-Dichloropropane	6.83	77	230299	21.109	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	144257	20.254	ug/l		99
28) Bromochloromethane	7.20	49	96896	20.104	ug/l		99
29) Tetrahydrofuran	7.21	42	131994	101.416	ug/l		98
30) Chloroform	7.37	83	249546	20.401	ug/l		99
31) Cyclohexane	7.65	56	203649	20.425	ug/l		97
32) 1,1,1-Trichloroethane	7.57	97	238141	20.086	ug/l		99
36) 1,1-Dichloropropene	7.79	75	178973	19.913	ug/l		100
37) Ethyl Acetate	6.94	43	96025	20.485	ug/l		99
38) Carbon Tetrachloride	7.78	117	209802	19.453	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	225408	19.979 ug/l		98
40) Benzene	8.04	78	533496	20.023 ug/l		99
41) Methacrylonitrile	7.18	41	48328	18.775 ug/l	#	70
42) 1,2-Dichloroethane	8.13	62	178052	19.829 ug/l		98
43) Isopropyl Acetate	8.17	43	201726	20.640 ug/l		99
44) Trichloroethene	8.84	130	149501	19.761 ug/l		98
45) 1,2-Dichloropropane	9.12	63	133942	20.332 ug/l		100
46) Dibromomethane	9.21	93	91208	19.919 ug/l		98
47) Bromodichloromethane	9.40	83	198756	19.718 ug/l		98
48) Methyl methacrylate	9.20	41	90271	20.213 ug/l		99
49) 1,4-Dioxane	9.20	88	25244	376.975 ug/l		96
51) 4-Methyl-2-Pentanone	9.99	43	507389	102.452 ug/l		100
52) Toluene	10.16	92	341708	19.282 ug/l		99
53) t-1,3-Dichloropropene	10.38	75	200803	19.306 ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	217593	19.701 ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	123251	19.524 ug/l		98
56) Ethyl methacrylate	10.43	69	155466	19.474 ug/l		94
57) 1,3-Dichloropropane	10.71	76	201113	20.128 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	322844	97.711 ug/l		99
59) 2-Hexanone	10.75	43	342069	101.705 ug/l		95
60) Dibromochloromethane	10.90	129	158445	19.179 ug/l		99
61) 1,2-Dibromoethane	11.01	107	128256	19.218 ug/l		99
64) Tetrachloroethene	10.63	164	140878	20.443 ug/l		95
65) Chlorobenzene	11.43	112	382454	19.770 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151344	19.539 ug/l		98
67) Ethyl Benzene	11.51	91	671888	20.094 ug/l		99
68) m/p-Xylenes	11.62	106	523489	39.129 ug/l		99
69) o-Xylene	11.95	106	264628	20.169 ug/l		99
70) Styrene	11.96	104	399849	19.125 ug/l		99
71) Bromoform	12.13	173	107402	18.642 ug/l	#	100
73) Isopropylbenzene	12.25	105	696083	21.243 ug/l		98
74) N-amyl acetate	12.07	43	156590	20.955 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.50	83	149221	21.127 ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	109617m	20.332 ug/l		
77) Bromobenzene	12.53	156	162870	20.328 ug/l		99
78) n-propylbenzene	12.59	91	744824	20.840 ug/l		99
79) 2-Chlorotoluene	12.67	91	442570	21.011 ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	575317	20.834 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	42824	20.479 ug/l		97
82) 4-Chlorotoluene	12.77	91	431112	20.374 ug/l		99
83) tert-Butylbenzene	12.99	119	514744	20.803 ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	575169	20.795 ug/l		99
85) sec-Butylbenzene	13.17	105	688249	21.028 ug/l		98
86) p-Isopropyltoluene	13.29	119	594727	20.497 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	278509	19.949 ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	270455	19.681 ug/l		99
89) n-Butylbenzene	13.62	91	466162	20.319 ug/l		98
90) Hexachloroethane	13.87	117	122643	21.185 ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	276746	19.940 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24780	21.528 ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106209	17.198	ug/l	98
94) Hexachlorobutadiene	15.01	225	85304	20.358	ug/l	97
95) Naphthalene	15.13	128	219117	16.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109963	18.079	ug/l	99

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

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