Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017182.D
Acq On : 18 Oct 2018 07:21
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8 PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:39 PM

Quant Time: Oct 18 14:32:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	192806	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	808009	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	464088	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1107477	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1319105	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1359123	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1653781	145.07	ng	0.00
7) Phenol-d6	6.85	99	2177856	140.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	1219803	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	961885	153.26	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2917834	83.65	ng	0.00
79) Terphenyl-d14	19.70	244	4650627	79.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	39901	6.855	ng	# 84
3) Pyridine	3.65	79	102286	7.637	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	45207	8.408	ng	# 71
6) Aniline	7.01	93	119574	6.157	ng	95
8) 2-Chlorophenol	7.24	128	107115	8.122	ng	98
9) Benzaldehyde	6.83	77	79526	8.033	ng	93
10) Phenol	6.88	94	133096	7.965	ng	93
11) bis(2-Chloroethyl)ether	7.11	93	98401	7.387	ng	95
12) 1,3-Dichlorobenzene	7.56	146	119107	7.748	ng	98
13) 1,4-Dichlorobenzene	7.70	146	120602	7.678	ng	98
14) 1,2-Dichlorobenzene	8.02	146	115468	7.630	ng	98
15) Benzyl Alcohol	7.92	79	87005	7.667	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	133488	7.173	ng	99
17) 2-Methylphenol	8.11	107	85184	7.942	ng	95
18) Hexachloroethane	8.73	117	40566	7.547	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	77241	7.556	ng	95
20) 3+4-Methylphenols	8.43	107	111461	7.598	ng	97
22) Acetophenone	8.49	105	156700	7.651	ng	# 98
24) Nitrobenzene	8.86	77	125809	8.609	ng	93
25) Isophorone	9.39	82	197756	8.668	ng	96
26) 2-Nitrophenol	9.57	139	45076	11.511	ng	95
27) 2,4-Dimethylphenol	9.63	122	92745	9.194	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	131181	8.170	ng	98
29) 2,4-Dichlorophenol	10.10	162	89511	7.642	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	110880	7.892	ng	95
31) Naphthalene	10.49	128	332518	8.398	ng	99
32) Benzoic acid	9.71	122	44818m	5.954	ng	
33) 4-Chloroaniline	10.62	127	95492	5.584	ng	95
34) Hexachlorobutadiene	10.77	225	67563	7.589	ng	99
35) Caprolactam	11.39	113	25212	5.907	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	101983	7.725	ng	96
37) 2-Methylnaphthalene	12.11	142	243161	8.974	ng	97
38) 1-Methylnaphthalene	12.33	142	228894	8.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	126522	7.741	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	76146	9.637	ng		97
43) 2,4,6-Trichlorophenol	12.73	196	74681	7.872	ng		96
44) 2,4,5-Trichlorophenol	12.80	196	81142	7.976	ng		96
46) 1,1'-Biphenyl	13.14	154	312630	7.486	ng		99
47) 2-Chloronaphthalene	13.18	162	238970	7.778	ng		98
48) 2-Nitroaniline	13.39	65	56967	11.473	ng		98
49) Acenaphthylene	14.03	152	378475	8.499	ng		100
50) Dimethylphthalate	13.77	163	303204	8.468	ng		100
51) 2,6-Dinitrotoluene	13.89	165	57702	7.322	ng	#	85
52) Acenaphthene	14.37	154	230671	8.249	ng		95
53) 3-Nitroaniline	14.23	138	45032	5.276	ng	#	89
54) 2,4-Dinitrophenol	14.43	184	25613	13.197	ng		93
55) Dibenzofuran	14.71	168	375384	8.073	ng		98
56) 4-Nitrophenol	14.54	139	45401	10.209	ng		95
57) 2,4-Dinitrotoluene	14.69	165	75869	7.163	ng		88
58) Fluorene	15.36	166	295202	8.577	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	77403	8.346	ng		97
60) Diethylphthalate	15.15	149	297478	8.378	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	156103	7.956	ng		97
62) 4-Nitroaniline	15.39	138	58138	10.254	ng		91
63) Azobenzene	15.66	77	267786	7.759	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	39122	11.701	ng		98
66) n-Nitrosodiphenylamine	15.58	169	259673	7.750	ng		98
67) 4-Bromophenyl-phenylether	16.26	248	94677	7.786	ng		93
68) Hexachlorobenzene	16.36	284	109005	7.717	ng		97
69) Atrazine	16.53	200	90788	7.571	ng		98
70) Pentachlorophenol	16.72	266	51752	5.348	ng		98
71) Phenanthrene	17.10	178	500506	8.376	ng		98
72) Anthracene	17.19	178	484528	8.534	ng		99
73) Carbazole	17.47	167	428983	7.397	ng		98
74) Di-n-butylphthalate	18.04	149	449997	7.357	ng		99
75) Fluoranthene	19.12	202	586664	8.725	ng		99
77) Benzidine	19.32	184	141282	4.224	ng		99
78) Pyrene	19.49	202	598663	8.120	ng		99
80) Butylbenzylphthalate	20.40	149	188663	12.895	ng		91
81) Benzo(a)anthracene	21.24	228	626054	8.434	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	144753	5.232	ng		100
83) Chrysene	21.29	228	615771	8.381	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	288099	11.278	ng		99
85) Di-n-octyl phthalate	22.06	149	486778	11.489	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	699250	8.509	ng		98
88) Benzo(b)fluoranthene	22.80	252	646788	8.704	ng		99
89) Benzo(k)fluoranthene	22.84	252	598778	8.031	ng		99
90) Benzo(a)pyrene	23.37	252	595587	8.442	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	592889	8.463	ng		99
92) Benzo(g,h,i)perylene	26.35	276	587632	8.463	ng		99

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

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