Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017165.D
Acq On : 17 Oct 2018 12:49
Operator : MJ/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
10/18/2018 1:58:30 PM

Quant Time: Oct 17 13:31:24 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 12:15:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	230971	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1010300	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	593810	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1345194	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1532365	20.00	ng		0.00
87) Perylene-d12	23.47	264	1540462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1670191	145.28	ng		0.00
7) Phenol-d6	6.86	99	2311202	141.21	ng		0.00
23) Nitrobenzene-d5	8.83	82	2261299	133.32	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1002344	119.89	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	5291137	115.34	ng		0.00
79) Terphenyl-d14	19.70	244	8152277	120.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	392417	78.511	ng		88
3) Pyridine	3.65	79	909164	80.548	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	373491	97.842	ng	#	74
6) Aniline	7.02	93	1457622	75.464	ng		97
8) 2-Chlorophenol	7.25	128	983639	64.824	ng		97
9) Benzaldehyde	6.83	77	593165	60.097	ng		94
10) Phenol	6.88	94	1224158	71.279	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	967407	69.243	ng		99
12) 1,3-Dichlorobenzene	7.56	146	1089665	59.793	ng		97
13) 1,4-Dichlorobenzene	7.71	146	1112556	59.544	ng		97
14) 1,2-Dichlorobenzene	8.02	146	1082181	58.756	ng		98
15) Benzyl Alcohol	7.92	79	891843	79.157	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	1296081	66.894	ng		99
17) 2-Methylphenol	8.12	107	811871	67.339	ng		98
18) Hexachloroethane	8.74	117	391244	55.695	ng		95
19) n-Nitroso-di-n-propylamine	8.49	70	795431	75.498	ng		97
20) 3+4-Methylphenols	8.45	107	1115658	67.435	ng		98
22) Acetophenone	8.50	105	1548640	64.287	ng	#	99
24) Nitrobenzene	8.87	77	1161056	67.697	ng		94
25) Isophorone	9.40	82	1845739	72.713	ng		98
26) 2-Nitrophenol	9.57	139	529857	70.146	ng		97
27) 2,4-Dimethylphenol	9.64	122	799021	67.442	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	1233464	67.839	ng		99
29) 2,4-Dichlorophenol	10.10	162	947525	66.234	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	1058078	58.737	ng		100
31) Naphthalene	10.50	128	2976428	59.850	ng		99
32) Benzoic acid	9.80	122	605261m	73.278	ng		
33) 4-Chloroaniline	10.62	127	1362898	68.483	ng		98
34) Hexachlorobutadiene	10.78	225	653767	56.371	ng		99
35) Caprolactam	11.42	113	348779m	77.181	ng		
36) 4-Chloro-3-methylphenol	11.75	107	1067600	70.874	ng		97
37) 2-Methylnaphthalene	12.12	142	2108760	63.703	ng		98
38) 1-Methylnaphthalene	12.34	142	2039392	63.035	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1242486	55.924	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	672171	61.812 ng	100
43) 2,4,6-Trichlorophenol	12.74	196	792111	65.489 ng	99
44) 2,4,5-Trichlorophenol	12.81	196	838505	63.778 ng	97
46) 1,1'-Biphenyl	13.15	154	3204795	59.111 ng	100
47) 2-Chloronaphthalene	13.19	162	2387355	59.097 ng	99
48) 2-Nitroaniline	13.40	65	688517	87.281 ng	99
49) Acenaphthylene	14.04	152	3564984	61.480 ng	100
50) Dimethylphthalate	13.79	163	2827448	62.441 ng	99
51) 2,6-Dinitrotoluene	13.90	165	642024	64.071 ng	98
52) Acenaphthene	14.38	154	2162980	59.469 ng	98
53) 3-Nitroaniline	14.23	138	706168	68.990 ng	95
54) 2,4-Dinitrophenol	14.44	184	337366	73.569 ng	98
55) Dibenzofuran	14.72	168	3528006	57.653 ng	100
56) 4-Nitrophenol	14.55	139	583850	67.953 ng	99
57) 2,4-Dinitrotoluene	14.69	165	883021	64.871 ng	98
58) Fluorene	15.37	166	2653555	58.684 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	768476	62.043 ng	99
60) Diethylphthalate	15.16	149	2874202	62.112 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1494684	56.987 ng	97
62) 4-Nitroaniline	15.40	138	748044	72.337 ng	97
63) Azobenzene	15.66	77	2792267	64.143 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	532204	69.373 ng	94
66) n-Nitrosodiphenylamine	15.59	169	2567951	64.037 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	939115	62.043 ng	95
68) Hexachlorobenzene	16.37	284	1040150	57.072 ng	99
69) Atrazine	16.54	200	916873	70.976 ng	99
70) Pentachlorophenol	16.72	266	757094	62.407 ng	99
71) Phenanthrene	17.11	178	4345413	58.884 ng	100
72) Anthracene	17.20	178	4360235	63.415 ng	99
73) Carbazole	17.47	167	4455189	63.582 ng	100
74) Di-n-butylphthalate	18.04	149	4828110	69.096 ng	100
75) Fluoranthene	19.13	202	5097418	61.580 ng	98
77) Benzidine	19.32	184	2342393	109.551 ng	99
78) Pyrene	19.49	202	5374582	66.718 ng	100
80) Butylbenzylphthalate	20.41	149	2036451	88.025 ng	97
81) Benzo(a)anthracene	21.24	228	5196404	60.119 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1998621	72.663 ng	99
83) Chrysene	21.30	228	5101557	59.739 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	3077870	77.414 ng	99
85) Di-n-octyl phthalate	22.06	149	5188812	76.096 ng	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	5724053	55.665 ng	100
88) Benzo(b)fluoranthene	22.82	252	5211550	61.370 ng	99
89) Benzo(k)fluoranthene	22.86	252	5079458	59.467 ng	99
90) Benzo(a)pyrene	23.39	252	4924637	60.548 ng	99
91) Dibenzo(a,h)anthracene	25.71	278	4820127	57.282 ng	100
92) Benzo(g,h,i)perylene	26.38	276	4799007	57.802 ng	99

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

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