Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
Data File : BM017749.D
Acq On : 22 Nov 2018 02:02
Operator : MJ/SJ
Sample : PB115005BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115005BS

Manual Integrations APPROVED
mohammad
11/23/2018 11:51:22 AM

Quant Time: Nov 22 04:24:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	195907	20.00	ng		-0.02
21) Naphthalene-d8	10.36	136	874759	20.00	ng		-0.02
39) Acenaphthene-d10	14.24	164	526404	20.00	ng		-0.02
64) Phenanthrene-d10	16.99	188	1200703	20.00	ng		-0.02
76) Chrysene-d12	21.20	240	1257438	20.00	ng		-0.02
87) Perylene-d12	23.38	264	1163126	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	776610	66.90	ng		-0.02
7) Phenol-d6	6.78	99	1087058	67.05	ng		-0.02
23) Nitrobenzene-d5	8.75	82	1018839	60.13	ng		-0.03
42) 2,4,6-Tribromophenol	15.74	330	486309	64.30	ng		-0.02
45) 2-Fluorobiphenyl	12.85	172	2601236	64.11	ng		-0.02
79) Terphenyl-d14	19.64	244	3273758	59.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	114336	23.650	ng		90
3) Pyridine	3.59	79	338190	23.848	ng		87
4) n-Nitrosodimethylamine	3.52	42	167244	26.772	ng		92
6) Aniline	6.94	93	335461	16.685	ng		99
8) 2-Chlorophenol	7.16	128	429483	30.915	ng		98
9) Benzaldehyde	6.76	77	180720	15.302	ng		98
10) Phenol	6.81	94	538198	31.627	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	365051	27.174	ng		96
12) 1,3-Dichlorobenzene	7.48	146	424188	27.215	ng		98
13) 1,4-Dichlorobenzene	7.63	146	437203	27.366	ng		99
14) 1,2-Dichlorobenzene	7.94	146	428121	27.636	ng		99
15) Benzyl Alcohol	7.84	79	383419	29.696	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	436220	21.327	ng		90
17) 2-Methylphenol	8.04	107	363795	31.734	ng		97
18) Hexachloroethane	8.65	117	160497	28.504	ng		98
19) n-Nitroso-di-n-propylamine	8.40	70	329607	28.314	ng		94
20) 3+4-Methylphenols	8.37	107	501739	31.501	ng		98
22) Acetophenone	8.42	105	626230	28.684	ng	#	96
24) Nitrobenzene	8.79	77	489511	28.474	ng		98
25) Isophorone	9.31	82	863931	33.011	ng		100
26) 2-Nitrophenol	9.49	139	223150	28.180	ng		99
27) 2,4-Dimethylphenol	9.56	122	409856	35.913	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	550044	31.032	ng		98
29) 2,4-Dichlorophenol	10.02	162	429858	32.447	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	432854	28.092	ng		96
31) Naphthalene	10.41	128	1316883	30.619	ng		99
32) Benzoic acid	9.72	122	265365m	25.669	ng		
33) 4-Chloroaniline	10.55	127	180344	9.575	ng		99
34) Hexachlorobutadiene	10.69	225	256174	26.781	ng		99
35) Caprolactam	11.33	113	127095m	26.051	ng		
36) 4-Chloro-3-methylphenol	11.67	107	483817	31.631	ng		98
37) 2-Methylnaphthalene	12.03	142	1008937	33.191	ng		99
38) 1-Methylnaphthalene	12.26	142	958046	32.144	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	517182	27.862	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	697033	72.670 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	359321	30.904 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	377505	30.750 ng	98
46) 1,1'-Biphenyl	13.06	154	1313962	27.808 ng	100
47) 2-Chloronaphthalene	13.10	162	1022510	29.155 ng	99
48) 2-Nitroaniline	13.33	65	313153	28.872 ng	100
49) Acenaphthylene	13.96	152	1639213	31.109 ng	100
50) Dimethylphthalate	13.71	163	1262050	29.488 ng	99
51) 2,6-Dinitrotoluene	13.83	165	277258	29.093 ng	98
52) Acenaphthene	14.30	154	955728	29.554 ng	99
53) 3-Nitroaniline	14.17	138	138707	13.368 ng	97
54) 2,4-Dinitrophenol	14.38	184	313552	56.215 ng	97
55) Dibenzofuran	14.64	168	1590829	30.103 ng	98
56) 4-Nitrophenol	14.49	139	459759	54.405 ng	98
57) 2,4-Dinitrotoluene	14.63	165	403374	31.399 ng	99
58) Fluorene	15.30	166	1291169	31.914 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	356535	31.575 ng	98
60) Diethylphthalate	15.09	149	1326483	28.685 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	667982	29.061 ng	98
62) 4-Nitroaniline	15.34	138	251665	25.736 ng	99
63) Azobenzene	15.59	77	1303774	30.499 ng	96
65) 4,6-Dinitro-2-methylphenol	15.39	198	217786	26.183 ng	97
66) n-Nitrosodiphenylamine	15.52	169	1127895	29.217 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	409731	28.853 ng	96
68) Hexachlorobenzene	16.30	284	449250	28.063 ng	98
69) Atrazine	16.48	200	406010	28.595 ng	98
70) Pentachlorophenol	16.64	266	546964	48.763 ng	97
71) Phenanthrene	17.04	178	2037205	31.268 ng	99
72) Anthracene	17.13	178	2050851	32.348 ng	100
73) Carbazole	17.41	167	1794691	28.014 ng	100
74) Di-n-butylphthalate	17.97	149	2195397	30.784 ng	100
75) Fluoranthene	19.06	202	2303228	31.244 ng	98
77) Benzidine	19.26	184	870741	21.265 ng	99
78) Pyrene	19.43	202	2368874	30.532 ng	100
80) Butylbenzylphthalate	20.34	149	991372	31.460 ng	98
81) Benzo(a)anthracene	21.18	228	2297064	31.708 ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	480057	17.170 ng	97
83) Chrysene	21.23	228	2163509	30.749 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	1431625	30.731 ng	98
85) Di-n-octyl phthalate	21.99	149	2453012	32.885 ng	96
86) Indeno(1,2,3-cd)pyrene	25.56	276	2097071	37.297 ng	99
88) Benzo(b)fluoranthene	22.73	252	2148465	31.541 ng	99
89) Benzo(k)fluoranthene	22.77	252	2147225	31.188 ng	99
90) Benzo(a)pyrene	23.29	252	2041593	32.872 ng	100
91) Dibenzo(a,h)anthracene	25.57	278	1795438	34.386 ng	98
92) Benzo(g,h,i)perylene	26.22	276	1686318	34.344 ng	100

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

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