Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
Data File : BM017282.D
Acq On : 22 Oct 2018 17:03
Operator : MJ/SJ
Sample : PB113963BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Manual Integrations APPROVED
Sohil
10/23/2018 2:21:00 PM

Quant Time: Oct 23 07:55:19 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	7.66	152	479099	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	2123179	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	1159454	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	2379083	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1840595	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1631243	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	4452902	157.20	ng		0.00
7) Phenol-d6	6.86	99	5854713	151.76	ng		0.00
23) Nitrobenzene-d5	8.82	82	2893996	79.72	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	2135146	136.17	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	6731187	77.24	ng		-0.01
79) Terphenyl-d14	19.69	244	7395429	90.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	316325	21.869	ng		89
3) Pyridine	3.64	79	926937	27.851	ng		88
4) n-Nitrosodimethylamine	3.56	42	531643	39.791	ng	#	73
6) Aniline	7.01	93	1905532	39.489	ng		99
8) 2-Chlorophenol	7.24	128	1505431	45.938	ng		99
9) Benzaldehyde	6.82	77	818095	33.258	ng		95
10) Phenol	6.89	94	1815687	43.730	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	1318640	39.839	ng		99
12) 1,3-Dichlorobenzene	7.55	146	1495232	39.141	ng		98
13) 1,4-Dichlorobenzene	7.70	146	1546823	39.632	ng		97
14) 1,2-Dichlorobenzene	8.01	146	1492280	39.684	ng		99
15) Benzyl Alcohol	7.91	79	1286236	45.612	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1784573	38.592	ng		99
17) 2-Methylphenol	8.11	107	1231954	46.226	ng		99
18) Hexachloroethane	8.73	117	551421	41.284	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	1060331	41.740	ng		98
20) 3+4-Methylphenols	8.44	107	1650874	45.291	ng		98
22) Acetophenone	8.49	105	2117019	39.335	ng	#	99
24) Nitrobenzene	8.86	77	1565480	40.768	ng		98
25) Isophorone	9.39	82	2847613	47.503	ng		98
26) 2-Nitrophenol	9.56	139	808277	45.335	ng		98
27) 2,4-Dimethylphenol	9.63	122	1377626	51.972	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	1819380	43.121	ng		100
29) 2,4-Dichlorophenol	10.09	162	1409054	45.784	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	1466210	39.713	ng		99
31) Naphthalene	10.49	128	4419079	42.471	ng		99
32) Benzoic acid	9.79	122	683440	34.556	ng		94
33) 4-Chloroaniline	10.60	127	1012051	22.521	ng		98
34) Hexachlorobutadiene	10.77	225	913238	39.039	ng		98
35) Caprolactam	11.42	113	405563m	36.159	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1460586	42.102	ng		97
37) 2-Methylnaphthalene	12.10	142	3274846	45.995	ng		99
38) 1-Methylnaphthalene	12.33	142	3066666	44.253	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1668487	40.862	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	2099117	106.340	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	1107519	46.725	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	1162228	45.725	ng	98
46) 1,1'-Biphenyl	13.13	154	4017541	38.505	ng	99
47) 2-Chloronaphthalene	13.17	162	3107844	40.488	ng	99
48) 2-Nitroaniline	13.39	65	887176	41.751	ng	98
49) Acenaphthylene	14.03	152	4966047	44.634	ng	100
50) Dimethylphthalate	13.78	163	3707666	41.448	ng	100
51) 2,6-Dinitrotoluene	13.89	165	823342	41.819	ng	97
52) Acenaphthene	14.37	154	2883883	41.282	ng	99
53) 3-Nitroaniline	14.22	138	619842	29.069	ng	94
54) 2,4-Dinitrophenol	14.43	184	263959	28.730	ng	97
55) Dibenzofuran	14.71	168	4542410	39.101	ng	100
56) 4-Nitrophenol	14.55	139	1792132	91.497	ng	98
57) 2,4-Dinitrotoluene	14.69	165	1117317	42.224	ng	100
58) Fluorene	15.36	166	3598314	41.847	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	1005789	43.411	ng	99
60) Diethylphthalate	15.15	149	3653678	41.186	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1845384	37.644	ng	96
62) 4-Nitroaniline	15.40	138	805965	35.269	ng	97
63) Azobenzene	15.65	77	3458574	40.111	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287679	23.086	ng	97
66) n-Nitrosodiphenylamine	15.58	169	3160387	43.907	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	1167121	44.679	ng	95
68) Hexachlorobenzene	16.36	284	1240739	40.889	ng	98
69) Atrazine	16.54	200	1121679	43.541	ng	99
70) Pentachlorophenol	16.71	266	1251176	60.192	ng	98
71) Phenanthrene	17.10	178	5339994	41.602	ng	99
72) Anthracene	17.19	178	5458352	44.754	ng	99
73) Carbazole	17.46	167	4701858	37.740	ng	99
74) Di-n-butylphthalate	18.03	149	5820995	44.298	ng	99
75) Fluoranthene	19.12	202	5659230	39.181	ng	99
77) Benzidine	19.32	184	3099031	66.402	ng	98
78) Pyrene	19.48	202	5478271	53.253	ng	99
80) Butylbenzylphthalate	20.39	149	2299077	57.127	ng	93
81) Benzo(a)anthracene	21.23	228	4550440	43.933	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1209698	31.336	ng	100
83) Chrysene	21.29	228	4298977	41.933	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3130841	51.801	ng	99
85) Di-n-octyl phthalate	22.04	149	4714367	46.641	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4645153	40.509	ng	99
88) Benzo(b)fluoranthene	22.80	252	4136484	46.380	ng	100
89) Benzo(k)fluoranthene	22.84	252	3857868	43.109	ng	99
90) Benzo(a)pyrene	23.36	252	3885928	45.890	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3891152	46.277	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3985815	47.828	ng	99

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

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