Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017853.D
Acq On : 01 Dec 2018 12:55
Operator : JU/SJ
Sample : PB115195BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:27 PM

Quant Time: Dec 03 00:26:57 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	219871	20.00	ng		-0.03
21) Naphthalene-d8	10.36	136	944129	20.00	ng		-0.03
39) Acenaphthene-d10	14.23	164	515889	20.00	ng		-0.03
64) Phenanthrene-d10	16.99	188	1026952	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	842660	20.00	ng		-0.02
87) Perylene-d12	23.37	264	699970	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1997020	153.28	ng		-0.02
7) Phenol-d6	6.78	99	2621880	144.09	ng		-0.02
23) Nitrobenzene-d5	8.74	82	1220726	66.75	ng		-0.04
42) 2,4,6-Tribromophenol	15.74	330	960613	129.59	ng		-0.02
45) 2-Fluorobiphenyl	12.85	172	2752450	69.22	ng		-0.03
79) Terphenyl-d14	19.63	244	3012597	81.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	184523	34.007	ng		90
3) Pyridine	3.59	79	533017	33.489	ng		87
4) n-Nitrosodimethylamine	3.51	42	271629	38.743	ng	#	86
6) Aniline	6.93	93	812059	35.988	ng		99
8) 2-Chlorophenol	7.16	128	758317	48.635	ng		97
9) Benzaldehyde	6.75	77	194318	14.660	ng		98
10) Phenol	6.81	94	923251	48.341	ng		97
11) bis(2-Chloroethyl)ether	7.03	93	661761	43.892	ng		95
12) 1,3-Dichlorobenzene	7.47	146	722608	41.308	ng		97
13) 1,4-Dichlorobenzene	7.62	146	745243	41.563	ng		100
14) 1,2-Dichlorobenzene	7.93	146	730841	42.036	ng		100
15) Benzyl Alcohol	7.83	79	648549	44.756	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	760614	33.134	ng		91
17) 2-Methylphenol	8.03	107	611542	47.531	ng		97
18) Hexachloroethane	8.64	117	278347	44.046	ng		98
19) n-Nitroso-di-n-propylamine	8.40	70	551634	42.222	ng		92
20) 3+4-Methylphenols	8.36	107	821227	45.940	ng		98
22) Acetophenone	8.41	105	1067228	45.291	ng		95
24) Nitrobenzene	8.79	77	814455	43.894	ng		98
25) Isophorone	9.30	82	1423696	50.403	ng		100
26) 2-Nitrophenol	9.49	139	404724	47.354	ng		97
27) 2,4-Dimethylphenol	9.55	122	664397	53.939	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	913874	47.770	ng		97
29) 2,4-Dichlorophenol	10.01	162	690486	48.291	ng		98
30) 1,2,4-Trichlorobenzene	10.22	180	744622	44.775	ng		97
31) Naphthalene	10.40	128	2231654	48.075	ng		100
32) Benzoic acid	9.73	122	479423m	42.967	ng		
33) 4-Chloroaniline	10.53	127	565903	27.837	ng		98
34) Hexachlorobutadiene	10.68	225	452394	43.819	ng		100
35) Caprolactam	11.34	113	203394m	38.627	ng		
36) 4-Chloro-3-methylphenol	11.66	107	737017	44.645	ng		99
37) 2-Methylnaphthalene	12.02	142	1622334	49.449	ng		99
38) 1-Methylnaphthalene	12.25	142	1539395	47.854	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	831355	45.700	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	964680	102.623	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	541614	47.532	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	579223	48.143	ng	96
46) 1,1'-Biphenyl	13.06	154	2019073	43.602	ng	100
47) 2-Chloronaphthalene	13.10	162	1566122	45.565	ng	99
48) 2-Nitroaniline	13.32	65	470560	44.269	ng	99
49) Acenaphthylene	13.95	152	2489192	48.202	ng	99
50) Dimethylphthalate	13.71	163	1903392	45.380	ng	99
51) 2,6-Dinitrotoluene	13.83	165	423355	45.328	ng	97
52) Acenaphthene	14.30	154	1434309	45.258	ng	99
53) 3-Nitroaniline	14.16	138	329074	32.362	ng	100
54) 2,4-Dinitrophenol	14.37	184	529220	91.670	ng	98
55) Dibenzofuran	14.63	168	2287591	44.169	ng	99
56) 4-Nitrophenol	14.48	139	685439	80.181	ng	98
57) 2,4-Dinitrotoluene	14.63	165	572980	45.511	ng	96
58) Fluorene	15.29	166	1843301	46.490	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	508968	45.994	ng	99
60) Diethylphthalate	15.08	149	1905738	42.051	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	943808	41.897	ng	96
62) 4-Nitroaniline	15.33	138	377187	39.358	ng	99
63) Azobenzene	15.58	77	1826302	43.593	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	330533	46.461	ng	98
66) n-Nitrosodiphenylamine	15.51	169	1595013	48.308	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	565204	46.535	ng	99
68) Hexachlorobenzene	16.29	284	605413	44.216	ng	97
69) Atrazine	16.47	200	530943	43.721	ng	97
70) Pentachlorophenol	16.64	266	754621	78.658	ng	99
71) Phenanthrene	17.03	178	2638014	47.340	ng	99
72) Anthracene	17.12	178	2651537	48.899	ng	99
73) Carbazole	17.40	167	2345414	42.804	ng	99
74) Di-n-butylphthalate	17.97	149	2945591	48.291	ng	99
75) Fluoranthene	19.06	202	2656211	42.128	ng	99
77) Benzidine	19.26	184	1007883	36.730	ng	100
78) Pyrene	19.42	202	2672378	51.399	ng	100
80) Butylbenzylphthalate	20.34	149	1113631	52.735	ng	98
81) Benzo(a)anthracene	21.18	228	2308510	47.552	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	768986	41.042	ng	98
83) Chrysene	21.23	228	2197187	46.598	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1539242	49.305	ng	99
85) Di-n-octyl phthalate	21.99	149	2442481	48.860	ng	96
86) Indeno(1,2,3-cd)pyrene	25.55	276	2625063	69.668	ng	100
88) Benzo(b)fluoranthene	22.73	252	2223313	54.237	ng	100
89) Benzo(k)fluoranthene	22.77	252	2217748	53.527	ng	99
90) Benzo(a)pyrene	23.28	252	2171213	58.090	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2239917	71.283	ng	98
92) Benzo(g,h,i)perylene	26.21	276	2229076	75.436	ng	99

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

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