Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017367.D
Acq On : 27 Oct 2018 02:35
Operator : MJ/SJ
Sample : PB114211BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Manual Integrations APPROVED
Sohil
10/29/2018 2:15:08 PM

Quant Time: Oct 27 04:23:30 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	7.65	152	288789	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1283509	20.00	ng		-0.02
39) Acenaphthene-d10	14.29	164	802638	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	1891880	20.00	ng		-0.02
76) Chrysene-d12	21.24	240	2192172	20.00	ng		-0.02
87) Perylene-d12	23.45	264	2098468	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1361089	79.71	ng		-0.01
7) Phenol-d6	6.84	99	1948272	83.78	ng		-0.02
23) Nitrobenzene-d5	8.80	82	1701685	77.54	ng		-0.03
42) 2,4,6-Tribromophenol	15.79	330	885055	81.54	ng		-0.02
45) 2-Fluorobiphenyl	12.91	172	4362832	72.32	ng		-0.02
79) Terphenyl-d14	19.69	244	6978920	71.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	174002	19.957	ng	#	87
3) Pyridine	3.63	79	541182	26.976	ng		89
4) n-Nitrosodimethylamine	3.55	42	254803	31.638	ng	#	73
6) Aniline	6.99	93	424372	14.590	ng		96
8) 2-Chlorophenol	7.22	128	756035	38.274	ng		98
9) Benzaldehyde	6.81	77	322035	21.719	ng		97
10) Phenol	6.86	94	963038	38.479	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	629999	31.577	ng		97
12) 1,3-Dichlorobenzene	7.54	146	697921	30.309	ng		97
13) 1,4-Dichlorobenzene	7.69	146	724835	30.810	ng		99
14) 1,2-Dichlorobenzene	8.00	146	703651	31.043	ng		98
15) Benzyl Alcohol	7.90	79	669244	39.372	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	886988	31.822	ng		99
17) 2-Methylphenol	8.10	107	661771	41.195	ng		99
18) Hexachloroethane	8.71	117	254082	31.558	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	548338	35.810	ng		100
20) 3+4-Methylphenols	8.42	107	910625	41.446	ng		98
22) Acetophenone	8.47	105	1074366	33.021	ng		99
24) Nitrobenzene	8.85	77	792024	34.119	ng		97
25) Isophorone	9.37	82	1490509	41.130	ng		99
26) 2-Nitrophenol	9.55	139	406339	38.661	ng		97
27) 2,4-Dimethylphenol	9.62	122	750257	46.821	ng		98
28) bis(2-Chloroethoxy)methane	9.85	93	950825	37.278	ng		99
29) 2,4-Dichlorophenol	10.08	162	768667	41.315	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	716129	32.086	ng		100
31) Naphthalene	10.47	128	2254316	35.840	ng		99
32) Benzoic acid	9.77	122	522793	43.726	ng		96
33) 4-Chloroaniline	10.60	127	224006	8.246	ng		97
34) Hexachlorobutadiene	10.75	225	417400	29.516	ng		98
35) Caprolactam	11.40	113	261641m	38.588	ng		
36) 4-Chloro-3-methylphenol	11.73	107	869894	41.479	ng		98
37) 2-Methylnaphthalene	12.09	142	1770062	41.124	ng		100
38) 1-Methylnaphthalene	12.32	142	1680862	40.123	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	899978	31.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1088295	79.642 ng	100
43) 2,4,6-Trichlorophenol	12.72	196	650229	39.627 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	703876	40.003 ng	98
46) 1,1'-Biphenyl	13.12	154	2302459	31.877 ng	99
47) 2-Chloronaphthalene	13.16	162	1794215	33.766 ng	99
48) 2-Nitroaniline	13.38	65	561771	38.675 ng	93
49) Acenaphthylene	14.02	152	3003061	38.990 ng	100
50) Dimethylphthalate	13.77	163	2306225	37.243 ng	99
51) 2,6-Dinitrotoluene	13.89	165	522806	38.359 ng	98
52) Acenaphthene	14.36	154	1737640	35.931 ng	99
53) 3-Nitroaniline	14.22	138	243096	16.469 ng	97
54) 2,4-Dinitrophenol	14.43	184	559027	70.954 ng	96
55) Dibenzofuran	14.70	168	2806795	34.901 ng	100
56) 4-Nitrophenol	14.54	139	1315762	96.754 ng	99
57) 2,4-Dinitrotoluene	14.67	165	750514	40.971 ng	99
58) Fluorene	15.35	166	2298774	38.618 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	664081	41.405 ng	99
60) Diethylphthalate	15.13	149	2334886	38.021 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	1161787	34.235 ng	98
62) 4-Nitroaniline	15.39	138	580222	36.488 ng	100
63) Azobenzene	15.64	77	2216733	37.137 ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	427090	37.029 ng	97
66) n-Nitrosodiphenylamine	15.57	169	2065737	36.090 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	750043	36.107 ng	96
68) Hexachlorobenzene	16.35	284	816920	33.855 ng	99
69) Atrazine	16.53	200	751809	36.699 ng	98
70) Pentachlorophenol	16.70	266	1034923	62.610 ng	99
71) Phenanthrene	17.09	178	3722269	36.467 ng	100
72) Anthracene	17.18	178	3804270	39.224 ng	100
73) Carbazole	17.46	167	3497444	35.302 ng	100
74) Di-n-butylphthalate	18.03	149	3983986	38.126 ng	99
75) Fluoranthene	19.11	202	4435417	38.616 ng	98
77) Benzidine	19.31	184	1477488	26.580 ng	99
78) Pyrene	19.47	202	4522520	36.912 ng	100
80) Butylbenzylphthalate	20.39	149	1899357	41.824 ng	98
81) Benzo(a)anthracene	21.23	228	4670749	37.862 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	967741	21.048 ng	100
83) Chrysene	21.28	228	4388036	35.937 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2760216	39.723 ng	99
85) Di-n-octyl phthalate	22.04	149	4887215	41.318 ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	4232550	30.991 ng	100
88) Benzo(b)fluoranthene	22.79	252	4511970	39.327 ng	99
89) Benzo(k)fluoranthene	22.84	252	4417806	38.374 ng	99
90) Benzo(a)pyrene	23.36	252	4207818	38.627 ng	100
91) Dibenzo(a,h)anthracene	25.68	278	3632937	33.586 ng	99
92) Benzo(g,h,i)perylene	26.34	276	3339087	31.146 ng	99

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

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