Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017199.D
Acq On : 18 Oct 2018 18:57
Operator : MJ/SJ
Sample : PB113954BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB113954BS

Quant Time: Oct 19 13:48:51 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	7.67	152	235122	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	972693	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	516103	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1076281	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1064162	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1017454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1991553	143.26	ng	0.00
7) Phenol-d6	6.85	99	2499652	132.03	ng	0.00
23) Nitrobenzene-d5	8.82	82	1369335	82.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	885952	126.94	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3215646	82.90	ng	0.00
79) Terphenyl-d14	19.70	244	3162383	66.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	311080	43.822	ng	# 86
3) Pyridine	3.65	79	628939	38.506	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	291049	44.388	ng	# 71
6) Aniline	7.01	93	898712	37.950	ng	97
8) 2-Chlorophenol	7.24	128	706223	43.913	ng	96
9) Benzaldehyde	6.82	77	347724	28.804	ng	94
10) Phenol	6.88	94	857639	42.089	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	642259	39.539	ng	100
12) 1,3-Dichlorobenzene	7.56	146	749603	39.984	ng	97
13) 1,4-Dichlorobenzene	7.70	146	768242	40.108	ng	99
14) 1,2-Dichlorobenzene	8.02	146	733604	39.752	ng	99
15) Benzyl Alcohol	7.92	79	595365	43.020	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	856757	37.753	ng	99
17) 2-Methylphenol	8.11	107	562204	42.985	ng	97
18) Hexachloroethane	8.73	117	273446	41.715	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	497018	39.868	ng	98
20) 3+4-Methylphenols	8.44	107	755146	42.214	ng	97
22) Acetophenone	8.49	105	1015725	41.195	ng	99
24) Nitrobenzene	8.86	77	747156	42.471	ng	94
25) Isophorone	9.39	82	1274441	46.406	ng	99
26) 2-Nitrophenol	9.57	139	344972	42.624	ng	98
27) 2,4-Dimethylphenol	9.63	122	613320	50.505	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	822770	42.565	ng	99
29) 2,4-Dichlorophenol	10.10	162	629952	44.679	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	684501	40.469	ng	100
31) Naphthalene	10.49	128	2061819	43.254	ng	99
32) Benzoic acid	9.77	122	377389	41.651	ng	89
33) 4-Chloroaniline	10.62	127	490786	23.839	ng	98
34) Hexachlorobutadiene	10.77	225	429096	40.039	ng	99
35) Caprolactam	11.40	113	171018	33.282	ng	# 86
36) 4-Chloro-3-methylphenol	11.74	107	656173	41.287	ng	97
37) 2-Methylnaphthalene	12.11	142	1479069	45.344	ng	98
38) 1-Methylnaphthalene	12.33	142	1401276	44.138	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	778632	42.840	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1120249	127.495	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	482338	45.715	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	524451	46.354	ng	99
46) 1,1'-Biphenyl	13.14	154	1876642	40.407	ng	100
47) 2-Chloronaphthalene	13.18	162	1432260	41.919	ng	99
48) 2-Nitroaniline	13.39	65	393466	41.619	ng	97
49) Acenaphthylene	14.03	152	2280059	46.038	ng	99
50) Dimethylphthalate	13.78	163	1687668	42.385	ng	100
51) 2,6-Dinitrotoluene	13.90	165	362219	41.332	ng	98
52) Acenaphthene	14.37	154	1323088	42.549	ng	99
53) 3-Nitroaniline	14.23	138	273376	28.802	ng	95
54) 2,4-Dinitrophenol	14.43	184	445999	86.055	ng	98
55) Dibenzofuran	14.72	168	2094699	40.508	ng	99
56) 4-Nitrophenol	14.54	139	641197	74.469	ng	95
57) 2,4-Dinitrotoluene	14.69	165	498967	42.362	ng	98
58) Fluorene	15.36	166	1664904	43.498	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	463281	44.922	ng	98
60) Diethylphthalate	15.15	149	1633863	41.376	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	856485	39.251	ng	97
62) 4-Nitroaniline	15.39	138	372268	36.418	ng	90
63) Azobenzene	15.66	77	1584789	41.291	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	279651	41.562	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1443101	44.318	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	528809	44.747	ng	95
68) Hexachlorobenzene	16.36	284	569509	41.487	ng	96
69) Atrazine	16.54	200	505101	43.340	ng	99
70) Pentachlorophenol	16.71	266	686270	72.979	ng	99
71) Phenanthrene	17.10	178	2534201	43.641	ng	99
72) Anthracene	17.19	178	2567369	46.531	ng	100
73) Carbazole	17.47	167	2233234	39.623	ng	100
74) Di-n-butylphthalate	18.04	149	2537608	42.687	ng	99
75) Fluoranthene	19.12	202	2773561	42.446	ng	99
77) Benzidine	19.32	184	1745755	64.697	ng	98
78) Pyrene	19.49	202	2816608	47.357	ng	100
80) Butylbenzylphthalate	20.40	149	1045371	46.459	ng	92
81) Benzo(a)anthracene	21.24	228	2665797	44.515	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	680596	30.494	ng	99
83) Chrysene	21.29	228	2544827	42.933	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1499484	43.822	ng	100
85) Di-n-octyl phthalate	22.05	149	2456821	42.590	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3001558	45.274	ng	98
88) Benzo(b)fluoranthene	22.80	252	2669565	47.990	ng	100
89) Benzo(k)fluoranthene	22.85	252	2481421	44.455	ng	98
90) Benzo(a)pyrene	23.37	252	2492469	47.191	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2531646	48.272	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2558560	49.222	ng	99

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

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