Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017286.D
Acq On : 23 Oct 2018 15:58
Operator : MJ/SJ
Sample : PB114097BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB114097BS

Quant Time: Oct 24 06:55:54 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	272619	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1124562	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	678516	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1618962	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1765269	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1591788	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2190086	135.87	ng		0.00
7) Phenol-d6	6.85	99	2993546	136.36	ng		0.00
23) Nitrobenzene-d5	8.82	82	1757612	91.41	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	1373185	149.65	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	4345457	85.21	ng		-0.01
79) Terphenyl-d14	19.69	244	7114278	90.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	236406	28.722	ng	#	87
3) Pyridine	3.63	79	736071	38.867	ng		88
4) n-Nitrosodimethylamine	3.56	42	350155	46.057	ng	#	75
6) Aniline	7.00	93	538379	19.607	ng		99
8) 2-Chlorophenol	7.23	128	963015	51.644	ng		98
9) Benzaldehyde	6.82	77	418937	29.930	ng		96
10) Phenol	6.87	94	1193801	50.528	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	836948	44.438	ng		98
12) 1,3-Dichlorobenzene	7.55	146	963657	44.331	ng		99
13) 1,4-Dichlorobenzene	7.69	146	979836	44.119	ng		98
14) 1,2-Dichlorobenzene	8.00	146	945620	44.192	ng		99
15) Benzyl Alcohol	7.90	79	847918	52.842	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1115165	42.381	ng		98
17) 2-Methylphenol	8.11	107	815018	53.744	ng		99
18) Hexachloroethane	8.72	117	350827	46.159	ng		99
19) n-Nitroso-di-n-propylamine	8.47	70	696104	48.157	ng		97
20) 3+4-Methylphenols	8.43	107	1119662	53.982	ng		98
22) Acetophenone	8.48	105	1369360	48.037	ng	#	99
24) Nitrobenzene	8.86	77	1002521	49.291	ng		97
25) Isophorone	9.38	82	1900875	59.868	ng		99
26) 2-Nitrophenol	9.56	139	540283	55.718	ng		99
27) 2,4-Dimethylphenol	9.63	122	929149	66.180	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	1187706	53.147	ng		99
29) 2,4-Dichlorophenol	10.09	162	963161	59.086	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	922186	47.159	ng		99
31) Naphthalene	10.49	128	2848762	51.692	ng		99
32) Benzoic acid	9.80	122	727345	69.433	ng		95
33) 4-Chloroaniline	10.60	127	261425	10.984	ng		97
34) Hexachlorobutadiene	10.76	225	555794	44.857	ng		98
35) Caprolactam	11.42	113	315811	53.160	ng		97
36) 4-Chloro-3-methylphenol	11.74	107	1086803	59.147	ng		96
37) 2-Methylnaphthalene	12.10	142	2178771	57.774	ng		99
38) 1-Methylnaphthalene	12.33	142	2073727	56.498	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1105259	46.255	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1439110	124.580	ng		97
43) 2,4,6-Trichlorophenol	12.73	196	810329	58.418	ng		100
44) 2,4,5-Trichlorophenol	12.80	196	889107	59.774	ng		98
46) 1,1'-Biphenyl	13.13	154	2767796	45.330	ng		99
47) 2-Chloronaphthalene	13.17	162	2170808	48.327	ng		99
48) 2-Nitroaniline	13.39	65	699914	54.305	ng		97
49) Acenaphthylene	14.02	152	3617305	55.556	ng		100
50) Dimethylphthalate	13.77	163	2869966	54.825	ng		99
51) 2,6-Dinitrotoluene	13.89	165	652066	56.595	ng		99
52) Acenaphthene	14.37	154	2094134	51.225	ng		97
53) 3-Nitroaniline	14.22	138	271938	21.793	ng		94
54) 2,4-Dinitrophenol	14.43	184	863149	122.796	ng		96
55) Dibenzofuran	14.70	168	3368269	49.545	ng		99
56) 4-Nitrophenol	14.55	139	1712382	146.409	ng		100
57) 2,4-Dinitrotoluene	14.69	165	932001	60.186	ng	#	99
58) Fluorene	15.36	166	2790494	55.454	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	833434	61.469	ng		99
60) Diethylphthalate	15.15	149	3189075	61.430	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1401562	48.856	ng		97
62) 4-Nitroaniline	15.39	138	717729	51.189	ng		98
63) Azobenzene	15.65	77	2678662	53.085	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	583818	54.967	ng		96
66) n-Nitrosodiphenylamine	15.57	169	2556144	52.186	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	926247	52.106	ng		95
68) Hexachlorobenzene	16.36	284	1001371	48.495	ng		98
69) Atrazine	16.54	200	968890	55.268	ng		98
70) Pentachlorophenol	16.71	266	1356815	95.921	ng		99
71) Phenanthrene	17.10	178	4550732	52.099	ng		99
72) Anthracene	17.19	178	4709430	56.742	ng		99
73) Carbazole	17.46	167	4365262	51.489	ng		100
74) Di-n-butylphthalate	18.03	149	5347779	59.805	ng		99
75) Fluoranthene	19.12	202	5513740	56.097	ng		99
77) Benzidine	19.32	184	1792475	40.045	ng		98
78) Pyrene	19.49	202	5526617	56.016	ng		100
80) Butylbenzylphthalate	20.40	149	2559464	65.157	ng		98
81) Benzo(a)anthracene	21.23	228	5521874	55.586	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1175324	31.745	ng		99
83) Chrysene	21.29	228	5127538	52.149	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3709302	62.742	ng		99
85) Di-n-octyl phthalate	22.05	149	6266250	62.489	ng		99
86) Indeno(1,2,3-cd)pyrene	25.68	276	4819500	43.823	ng		99
88) Benzo(b)fluoranthene	22.80	252	4971312	57.123	ng		100
89) Benzo(k)fluoranthene	22.84	252	4951912	56.705	ng		99
90) Benzo(a)pyrene	23.37	252	4669997	56.516	ng		100
91) Dibenzo(a,h)anthracene	25.69	278	4071402	49.621	ng		98
92) Benzo(g,h,i)perylene	26.35	276	3997959	49.163	ng		99

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

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