Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015516.D
Acq On : 07 Jun 2018 08:21
Operator : SJ/JU
Sample : PB109980BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB109980BS

Manual Integrations APPROVED
Sohil
6/7/2018 1:05:06 PM

Quant Time: Jun 07 08:56:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 06 14:01:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	148471	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	576866	20.00	ng		0.00
38) Acenaphthene-d10	14.97	164	293153	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	592138	20.00	ng		0.00
75) Chrysene-d12	21.79	240	576373	20.00	ng		-0.01
86) Perylene-d12	24.21	264	590396	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	936775	107.33	ng		0.00
7) Phenol-d6	7.50	99	1201966	91.11	ng		0.00
23) Nitrobenzene-d5	9.54	82	771623	72.76	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	386200	91.67	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	1520473	69.64	ng		0.00
78) Terphenyl-d14	20.24	244	2023370	81.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	103531	31.804	ng	#	100
3) Pyridine	4.03	79	276944	29.264	ng	#	85
4) n-Nitrosodimethylamine	3.94	42	187215	35.358	ng	#	60
6) Aniline	7.67	93	101881	6.088	ng		95
8) 2-Chlorophenol	7.91	128	328245	30.354	ng		95
9) Benzaldehyde	7.48	77	157820	18.794	ng		93
10) Phenol	7.52	94	389329	29.096	ng		84
11) bis(2-Chloroethyl)ether	7.76	93	289033	27.666	ng		90
12) 1,3-Dichlorobenzene	8.24	146	355624	30.765	ng	#	96
13) 1,4-Dichlorobenzene	8.39	146	358848	30.419	ng		96
14) 1,2-Dichlorobenzene	8.71	146	345264	29.950	ng		96
15) Benzyl Alcohol	8.60	79	278687	26.394	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.88	45	477833	27.521	ng		96
17) 2-Methylphenol	8.79	107	258694	27.480	ng	#	90
18) Hexachloroethane	9.44	117	135633	31.216	ng		92
19) n-Nitroso-di-n-propylamine	9.16	70	239474	24.007	ng	#	86
20) 3+4-Methylphenols	9.13	107	345933	26.572	ng		93
22) Acetophenone	9.19	105	452524	31.890	ng	#	93
24) Nitrobenzene	9.58	77	366595	32.973	ng		97
25) Isophorone	10.10	82	601112	28.131	ng		95
26) 2-Nitrophenol	10.29	139	162385	32.388	ng	#	75
27) 2,4-Dimethylphenol	10.34	122	293281	31.175	ng		90
28) bis(2-Chloroethoxy)methane	10.57	93	373488	29.735	ng		99
29) 2,4-Dichlorophenol	10.83	162	280877	32.033	ng		96
30) 1,2,4-Trichlorobenzene	11.04	180	309037	32.816	ng		99
31) Naphthalene	11.23	128	956893	32.006	ng		100
32) Benzoic acid	10.47	122	167639m	25.133	ng		
33) 4-Chloroaniline	11.35	127	72557	5.469	ng	#	90
34) Hexachlorobutadiene	11.50	225	188861	34.515	ng		96
35) Caprolactam	12.13	113	75898	22.577	ng		90
36) 4-Chloro-3-methylphenol	12.44	107	287676	27.597	ng		90
37) 2-Methylnaphthalene	12.82	142	666223	29.650	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	315524	34.909	ng	#	100
40) Hexachlorocyclopentadiene	13.15	237	311871	61.864	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	201460	32.897	ng		98
43) 2,4,5-Trichlorophenol	13.49	196	211063	31.392	ng	#	87
45) 1,1'-Biphenyl	13.81	154	809106	33.393	ng		98
46) 2-Chloronaphthalene	13.86	162	620900	33.423	ng	#	93
47) 2-Nitroaniline	14.06	65	193461	31.511	ng		85
48) Acenaphthylene	14.70	152	1011318	33.951	ng		99
49) Dimethylphthalate	14.42	163	756671	30.061	ng		99
50) 2,6-Dinitrotoluene	14.54	165	161560	30.188	ng	#	86
51) Acenaphthene	15.03	154	585774	32.240	ng		98
52) 3-Nitroaniline	14.88	138	55856	9.828	ng		84
53) 2,4-Dinitrophenol	15.09	184	129299	41.172	ng		94
54) Dibenzofuran	15.36	168	918163	31.395	ng		93
55) 4-Nitrophenol	15.17	139	266378	53.066	ng	#	58
56) 2,4-Dinitrotoluene	15.33	165	218668	29.412	ng	#	82
57) Fluorene	16.00	166	736334	30.603	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	182959	29.416	ng	#	100
59) Diethylphthalate	15.76	149	754038	29.023	ng		97
60) 4-Chlorophenyl-phenylether	15.99	204	359109	30.028	ng		93
61) 4-Nitroaniline	16.03	138	154135	24.490	ng	#	58
62) Azobenzene	16.28	77	779102	32.190	ng		87
64) 4,6-Dinitro-2-methylphenol	16.09	198	101969	29.895	ng		91
65) n-Nitrosodiphenylamine	16.20	169	623736	34.111	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	214985	33.906	ng	#	87
67) Hexachlorobenzene	17.00	284	243060	33.336	ng	#	85
68) Atrazine	17.13	200	210026	32.985	ng		99
69) Pentachlorophenol	17.34	266	262313	61.252	ng		98
70) Phenanthrene	17.73	178	1085246	32.490	ng		100
71) Anthracene	17.82	178	1104633	32.292	ng		100
72) Carbazole	18.09	167	986771	31.132	ng		99
73) Di-n-butylphthalate	18.61	149	1178983	29.715	ng	#	98
74) Fluoranthene	19.71	202	1188029	29.566	ng		98
76) Benzidine	19.88	184	278001	14.170	ng		99
77) Pyrene	20.07	202	1208700	34.697	ng		99
79) Butylbenzylphthalate	20.92	149	528305	31.529	ng		91
80) Benzo(a)anthracene	21.77	228	1186317	32.327	ng		99
81) 3,3'-Dichlorobenzidine	21.70	252	88137	6.102	ng		100
82) Chrysene	21.83	228	1110838	32.638	ng		100
83) Bis(2-ethylhexyl)phthalate	21.66	149	750633	30.276	ng		98
84) Di-n-octyl phthalate	22.59	149	1266291	29.282	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.71	276	1371776	29.605	ng	#	91
87) Benzo(b)fluoranthene	23.47	252	1194050	33.311	ng		97
88) Benzo(k)fluoranthene	23.52	252	1137131	33.335	ng		99
89) Benzo(a)pyrene	24.10	252	1130320	32.626	ng		98
90) Dibenzo(a,h)anthracene	26.71	278	1168602	32.467	ng		99
91) Benzo(g,h,i)perylene	27.48	276	1134339	32.502	ng		97

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

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