Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017361.D
Acq On : 26 Oct 2018 22:58
Operator : MJ/SJ
Sample : J5651-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200030MSD

Manual Integrations APPROVED
Sohil
10/29/2018 2:15:07 PM

Quant Time: Oct 27 02:55:21 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	306607	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1395684	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	902585	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	2152900	20.00	ng		-0.02
76) Chrysene-d12	21.24	240	2504938	20.00	ng		-0.02
87) Perylene-d12	23.46	264	2413758	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2041564	112.62	ng		-0.01
7) Phenol-d6	6.84	99	2693266	109.09	ng		-0.02
23) Nitrobenzene-d5	8.81	82	1862421	78.04	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	1554779	127.38	ng		-0.02
45) 2-Fluorobiphenyl	12.91	172	4815381	70.99	ng		-0.02
79) Terphenyl-d14	19.69	244	8161406	73.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	243411	26.295	ng	#	80
3) Pyridine	3.65	79	671168	31.511	ng		88
4) n-Nitrosodimethylamine	3.56	42	358316	41.906	ng	#	75
6) Aniline	7.00	93	362623	11.742	ng		98
8) 2-Chlorophenol	7.22	128	1025383	48.893	ng		97
9) Benzaldehyde	6.81	77	372852	23.685	ng		96
10) Phenol	6.87	94	1155878	43.500	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	908681	42.898	ng		98
12) 1,3-Dichlorobenzene	7.54	146	1007090	41.194	ng		98
13) 1,4-Dichlorobenzene	7.69	146	1037593	41.541	ng		98
14) 1,2-Dichlorobenzene	8.00	146	1004634	41.746	ng		98
15) Benzyl Alcohol	7.90	79	964448	53.442	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1246913	42.135	ng		99
17) 2-Methylphenol	8.10	107	884250	51.846	ng		98
18) Hexachloroethane	8.72	117	363864	42.567	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	807185	49.651	ng		97
20) 3+4-Methylphenols	8.43	107	1217504	52.193	ng		98
22) Acetophenone	8.47	105	1555412	43.964	ng	#	99
24) Nitrobenzene	8.85	77	1188971	47.102	ng		95
25) Isophorone	9.37	82	2238547	56.807	ng		98
26) 2-Nitrophenol	9.55	139	583424	49.221	ng		98
27) 2,4-Dimethylphenol	9.62	122	1052120	60.382	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	1353208	48.790	ng		98
29) 2,4-Dichlorophenol	10.08	162	1087450	53.752	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	1011293	41.669	ng		99
31) Naphthalene	10.47	128	3221579	47.101	ng		99
32) Benzoic acid	9.79	122	733134	56.390	ng		93
33) 4-Chloroaniline	10.60	127	111768	3.784	ng		98
34) Hexachlorobutadiene	10.76	225	600321	39.039	ng		99
35) Caprolactam	11.41	113	310536m	42.118	ng		
36) 4-Chloro-3-methylphenol	11.73	107	1269510	55.669	ng		98
37) 2-Methylnaphthalene	12.09	142	2522248	53.889	ng		99
38) 1-Methylnaphthalene	12.32	142	2410850	52.923	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1276296	40.153	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1464827	95.326	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	932316	50.527	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	1035280	52.323	ng	98
46) 1,1'-Biphenyl	13.12	154	3290036	40.506	ng	99
47) 2-Chloronaphthalene	13.16	162	2564809	42.923	ng	99
48) 2-Nitroaniline	13.38	65	790645	46.973	ng	96
49) Acenaphthylene	14.02	152	4354418	50.275	ng	99
50) Dimethylphthalate	13.77	163	3467623	49.797	ng	99
51) 2,6-Dinitrotoluene	13.89	165	796583	51.975	ng	99
52) Acenaphthene	14.36	154	2542444	46.752	ng	98
53) 3-Nitroaniline	14.22	138	258164	15.553	ng	96
54) 2,4-Dinitrophenol	14.43	184	1020484	110.053	ng	99
55) Dibenzofuran	14.70	168	4128635	45.653	ng	99
56) 4-Nitrophenol	14.54	139	1864523	120.697	ng	98
57) 2,4-Dinitrotoluene	14.68	165	1143926	55.532	ng	97
58) Fluorene	15.35	166	3405682	50.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	991406	54.968	ng	99
60) Diethylphthalate	15.14	149	3568402	51.673	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1706680	44.723	ng	97
62) 4-Nitroaniline	15.39	138	806997	44.003	ng	99
63) Azobenzene	15.64	77	3300825	49.176	ng	100
65) 4,6-Dinitro-2-methylphenol	15.44	198	703000	50.434	ng	98
66) n-Nitrosodiphenylamine	15.57	169	3101415	47.615	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	1124064	47.551	ng	96
68) Hexachlorobenzene	16.35	284	1234556	44.960	ng	98
69) Atrazine	16.53	200	1186206	50.883	ng	99
70) Pentachlorophenol	16.70	266	1610993	85.644	ng	99
71) Phenanthrene	17.09	178	5622060	48.401	ng	99
72) Anthracene	17.19	178	5759531	52.184	ng	99
73) Carbazole	17.46	167	5401581	47.911	ng	99
74) Di-n-butylphthalate	18.03	149	6302053	52.998	ng	99
75) Fluoranthene	19.12	202	6774105	51.827	ng	98
77) Benzidine	19.31	184	666267	10.490	ng	99
78) Pyrene	19.48	202	6926160	49.472	ng	99
80) Butylbenzylphthalate	20.39	149	3095971	56.601	ng	96
81) Benzo(a)anthracene	21.23	228	7063639	50.110	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	963830	18.346	ng	98
83) Chrysene	21.29	228	6673584	47.831	ng	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	4413623	53.468	ng	99
85) Di-n-octyl phthalate	22.04	149	7796632	55.479	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	6414501	41.104	ng	100
88) Benzo(b)fluoranthene	22.80	252	7065250	53.537	ng	99
89) Benzo(k)fluoranthene	22.84	252	6595204	49.805	ng	99
90) Benzo(a)pyrene	23.36	252	6422249	51.255	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	5486592	44.098	ng	99
92) Benzo(g,h,i)perylene	26.34	276	5070779	41.121	ng	99

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

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