Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018720.D
Acq On : 04 Feb 2019 15:59
Operator : JU/SJ
Sample : PB116792BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116792BS

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:13 AM

Quant Time: Feb 04 18:02:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	219875	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	813951	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	418501	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	832823	20.00	ng		0.00
76) Chrysene-d12	21.31	240	787070	20.00	ng		0.00
87) Perylene-d12	23.57	264	807859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1573347	132.13	ng		0.00
7) Phenol-d6	6.89	99	1934954	127.94	ng		0.00
23) Nitrobenzene-d5	8.89	82	1116735	79.54	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	661255	124.09	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	2590268	80.76	ng		0.00
79) Terphenyl-d14	19.75	244	3310862	88.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	252306	51.987	ng		97
3) Pyridine	3.66	79	490436	40.532	ng		98
4) n-Nitrosodimethylamine	3.57	42	233209	46.609	ng	#	93
6) Aniline	7.06	93	572567	33.938	ng		99
8) 2-Chlorophenol	7.29	128	587019	42.210	ng		95
9) Benzaldehyde	6.87	77	110674	10.392	ng		97
10) Phenol	6.92	94	637535	41.483	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	474758	39.314	ng		96
12) 1,3-Dichlorobenzene	7.60	146	652452	39.394	ng		100
13) 1,4-Dichlorobenzene	7.75	146	664482	39.584	ng		100
14) 1,2-Dichlorobenzene	8.07	146	633658	39.809	ng		97
15) Benzyl Alcohol	7.97	79	436586	39.967	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	622916	40.364	ng		96
17) 2-Methylphenol	8.16	107	436390	41.831	ng		98
18) Hexachloroethane	8.78	117	233562	39.022	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	362177	36.797	ng		93
20) 3+4-Methylphenols	8.49	107	578338	40.159	ng		98
22) Acetophenone	8.55	105	761312	37.810	ng	#	97
24) Nitrobenzene	8.93	77	555198	40.188	ng		96
25) Isophorone	9.45	82	945337	44.462	ng		98
26) 2-Nitrophenol	9.63	139	294779	44.128	ng		97
27) 2,4-Dimethylphenol	9.69	122	474455	47.386	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	602868	41.045	ng		99
29) 2,4-Dichlorophenol	10.16	162	501792	42.087	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	585086	39.536	ng		99
31) Naphthalene	10.56	128	1681746	42.902	ng		99
32) Benzoic acid	9.82	122	294772m	44.304	ng		
33) 4-Chloroaniline	10.68	127	263388	17.061	ng		98
34) Hexachlorobutadiene	10.82	225	353052	37.763	ng		99
35) Caprolactam	11.49	113	128200m	31.626	ng		
36) 4-Chloro-3-methylphenol	11.80	107	484640	38.745	ng		98
37) 2-Methylnaphthalene	12.17	142	1191660	43.026	ng		100
38) 1-Methylnaphthalene	12.40	142	1121233	41.840	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	603794	41.257	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	761935	94.862	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	383343	43.135	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	405429	43.377	ng	98
46) 1,1'-Biphenyl	13.20	154	1454926	39.816	ng	99
47) 2-Chloronaphthalene	13.24	162	1131573	39.934	ng	99
48) 2-Nitroaniline	13.46	65	277585	39.818	ng	93
49) Acenaphthylene	14.09	152	1757925	42.570	ng	99
50) Dimethylphthalate	13.83	163	1325667	38.570	ng	99
51) 2,6-Dinitrotoluene	13.96	165	289018	39.698	ng	96
52) Acenaphthene	14.43	154	1013849	40.126	ng	98
53) 3-Nitroaniline	14.29	138	178972	24.384	ng	97
54) 2,4-Dinitrophenol	14.50	184	294341	75.161	ng	92
55) Dibenzofuran	14.77	168	1611391	38.598	ng	99
56) 4-Nitrophenol	14.60	139	471655	74.383	ng	95
57) 2,4-Dinitrotoluene	14.74	165	382552	37.137	ng	99
58) Fluorene	15.42	166	1271874	40.897	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	348985	42.124	ng	97
60) Diethylphthalate	15.20	149	1295108	37.326	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	652494	36.403	ng	98
62) 4-Nitroaniline	15.46	138	254325	31.767	ng	94
63) Azobenzene	15.71	77	1077865	38.102	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	201330	39.059	ng	86
66) n-Nitrosodiphenylamine	15.63	169	1091917	42.267	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	375553	40.296	ng	98
68) Hexachlorobenzene	16.42	284	418441	40.106	ng	99
69) Atrazine	16.59	200	371815	39.812	ng	99
70) Pentachlorophenol	16.77	266	509599	74.579	ng	99
71) Phenanthrene	17.16	178	1902596	42.950	ng	99
72) Anthracene	17.25	178	1927553	45.251	ng	99
73) Carbazole	17.53	167	1685836	38.521	ng	99
74) Di-n-butylphthalate	18.09	149	1991027	41.534	ng	99
75) Fluoranthene	19.18	202	2077436	40.677	ng	99
77) Benzidine	19.38	184	875167	45.033	ng	99
78) Pyrene	19.54	202	2119624	45.433	ng	100
80) Butylbenzylphthalate	20.45	149	871484	43.777	ng	94
81) Benzo(a)anthracene	21.30	228	2010319	43.356	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	568338	32.414	ng	99
83) Chrysene	21.35	228	1900457	42.445	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1218346	42.382	ng	100
85) Di-n-octyl phthalate	22.10	149	2067131	42.754	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2482661	48.085	ng	98
88) Benzo(b)fluoranthene	22.89	252	2007070	43.761	ng	99
89) Benzo(k)fluoranthene	22.94	252	1908952	41.301	ng	99
90) Benzo(a)pyrene	23.47	252	1945504	44.308	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	2080162	46.756	ng	99
92) Benzo(g,h,i)perylene	26.57	276	2109314	48.720	ng	98

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

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