Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020707.D
Acq On : 04 Jun 2019 17:36
Operator : HP/JU
Sample : PB120243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120243BS

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:26 PM

Quant Time: Jun 05 03:45:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	337361	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1349070	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	712948	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1322591	20.00	ng		-0.01
76) Chrysene-d12	21.39	240	978444	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1088664	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2726046	142.14	ng		0.00
7) Phenol-d6	6.99	99	3575801	126.62	ng		0.00
23) Nitrobenzene-d5	8.99	82	2153393	82.70	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1186103	134.28	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	4776108	89.06	ng		0.00
79) Terphenyl-d14	19.83	244	4989326	85.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	321217	40.909	ng		96
3) Pyridine	3.74	79	894694	35.813	ng		98
4) n-Nitrosodimethylamine	3.66	42	410958	38.160	ng		99
6) Aniline	7.16	93	1254646	30.705	ng		98
8) 2-Chlorophenol	7.39	128	1061012	44.471	ng		98
9) Benzaldehyde	6.97	77	325322	16.146	ng		96
10) Phenol	7.02	94	1302772	42.809	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	956609	39.443	ng		98
12) 1,3-Dichlorobenzene	7.71	146	1082759	39.487	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1108748	39.774	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1073719	39.580	ng		98
15) Benzyl Alcohol	8.07	79	947764	37.937	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1327457	35.451	ng		99
17) 2-Methylphenol	8.26	107	870467	40.677	ng		99
18) Hexachloroethane	8.90	117	407587	38.190	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	802102	35.335	ng		97
20) 3+4-Methylphenols	8.59	107	1162924	39.942	ng		98
22) Acetophenone	8.65	105	1481791	43.237	ng	#	97
24) Nitrobenzene	9.03	77	1155635	43.475	ng		99
25) Isophorone	9.55	82	2095103	40.451	ng		100
26) 2-Nitrophenol	9.73	139	508523	51.331	ng		98
27) 2,4-Dimethylphenol	9.79	122	940516	50.665	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1299221	41.487	ng		99
29) 2,4-Dichlorophenol	10.26	162	963661	46.920	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	1040657	44.066	ng		99
31) Naphthalene	10.67	128	3028268	43.651	ng		100
32) Benzoic acid	9.93	122	521314m	44.978	ng		
33) 4-Chloroaniline	10.78	127	439969	13.627	ng		97
34) Hexachlorobutadiene	10.95	225	604403	42.654	ng		100
35) Caprolactam	11.57	113	263242m	36.894	ng		
36) 4-Chloro-3-methylphenol	11.90	107	978133	40.962	ng		99
37) 2-Methylnaphthalene	12.28	142	2207688	42.933	ng		99
38) 1-Methylnaphthalene	12.50	142	2086785	42.620	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1126021	48.195	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1458463	104.374	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	715050	47.547	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	751943	48.431	ng	97
46) 1,1'-Biphenyl	13.30	154	2753815	46.249	ng	99
47) 2-Chloronaphthalene	13.34	162	2112593	43.960	ng	99
48) 2-Nitroaniline	13.55	65	593060	39.319	ng	92
49) Acenaphthylene	14.19	152	3292787	43.914	ng	100
50) Dimethylphthalate	13.93	163	2500583	41.053	ng	100
51) 2,6-Dinitrotoluene	14.05	165	534974	43.255	ng	91
52) Acenaphthene	14.53	154	1918527	42.934	ng	99
53) 3-Nitroaniline	14.37	138	314984	22.817	ng	93
54) 2,4-Dinitrophenol	14.58	184	434546	81.519	ng	91
55) Dibenzofuran	14.86	168	2975323	42.871	ng	98
56) 4-Nitrophenol	14.67	139	815295	80.145	ng	96
57) 2,4-Dinitrotoluene	14.83	165	694296	41.926	ng	96
58) Fluorene	15.51	166	2349834	41.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	620221	45.843	ng	98
60) Diethylphthalate	15.29	149	2455192	39.083	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1251932	41.429	ng	94
62) 4-Nitroaniline	15.54	138	491137	33.546	ng	95
63) Azobenzene	15.80	77	2322678	38.566	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	263358	44.540	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2015238	47.597	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	714557	45.887	ng	94
68) Hexachlorobenzene	16.50	284	804960	44.268	ng	99
69) Atrazine	16.67	200	622575	49.269	ng	100
70) Pentachlorophenol	16.85	266	890484	102.652	ng	99
71) Phenanthrene	17.25	178	3263645	43.533	ng	100
72) Anthracene	17.34	178	3324415	44.305	ng	99
73) Carbazole	17.61	167	2803538	41.173	ng	99
74) Di-n-butylphthalate	18.17	149	3556723	40.239	ng	100
75) Fluoranthene	19.26	202	3268190	39.200	ng	99
77) Benzidine	19.45	184	1409031	47.526	ng	99
78) Pyrene	19.62	202	3251163	43.300	ng	100
80) Butylbenzylphthalate	20.53	149	1313154	41.384	ng	94
81) Benzo(a)anthracene	21.37	228	2845789	41.765	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	836975	33.544	ng	98
83) Chrysene	21.42	228	2796630	43.178	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1862804	40.393	ng	100
85) Di-n-octyl phthalate	22.20	149	2967492	40.530	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	3734282	56.356	ng	99
88) Benzo(b)fluoranthene	22.98	252	2981499	41.436	ng	99
89) Benzo(k)fluoranthene	23.03	252	2943531	41.861	ng	100
90) Benzo(a)pyrene	23.57	252	2946647	45.148	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3164435	49.976	ng	99
92) Benzo(g,h,i)perylene	26.71	276	3041884	51.720	ng	99

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

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