Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020708.D
Acq On : 04 Jun 2019 18:12
Operator : HP/JU
Sample : PB120211BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120211BS

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:30 PM

Quant Time: Jun 05 03:49:07 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	362984	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1489046	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	801159	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1507995	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1065969	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1152467	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2965835	143.73	ng		0.00
7) Phenol-d6	7.00	99	3930513	129.36	ng		0.00
23) Nitrobenzene-d5	8.99	82	2368221	82.40	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1360208	137.03	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	5363545	89.00	ng		0.00
79) Terphenyl-d14	19.83	244	5615857	88.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	333513	39.476	ng		97
3) Pyridine	3.74	79	954440	35.508	ng		98
4) n-Nitrosodimethylamine	3.66	42	448585	38.713	ng		95
6) Aniline	7.16	93	1347156	30.642	ng		99
8) 2-Chlorophenol	7.39	128	1175588	45.795	ng		99
9) Benzaldehyde	6.97	77	344580	15.823	ng		95
10) Phenol	7.02	94	1438581	43.934	ng		96
11) bis(2-Chloroethyl)ether	7.26	93	1040703	39.881	ng		97
12) 1,3-Dichlorobenzene	7.72	146	1168330	39.600	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1203232	40.117	ng		99
14) 1,2-Dichlorobenzene	8.17	146	1154423	39.551	ng		99
15) Benzyl Alcohol	8.07	79	1050400	39.077	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1443201	35.822	ng		99
17) 2-Methylphenol	8.26	107	968605	42.067	ng		98
18) Hexachloroethane	8.90	117	438060	38.148	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	885972	36.274	ng		97
20) 3+4-Methylphenols	8.59	107	1290427	41.192	ng		98
22) Acetophenone	8.65	105	1623146	42.910	ng	#	96
24) Nitrobenzene	9.03	77	1270733	43.312	ng		97
25) Isophorone	9.55	82	2329921	40.756	ng		100
26) 2-Nitrophenol	9.73	139	568186	51.962	ng		98
27) 2,4-Dimethylphenol	9.79	122	1037807	50.650	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	1435051	41.517	ng		100
29) 2,4-Dichlorophenol	10.26	162	1080292	47.654	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	1145070	43.929	ng		100
31) Naphthalene	10.67	128	3340209	43.622	ng		100
32) Benzoic acid	9.94	122	598355m	46.568	ng		
33) 4-Chloroaniline	10.78	127	478617	13.431	ng		96
34) Hexachlorobutadiene	10.94	225	664100	42.461	ng		98
35) Caprolactam	11.57	113	301486m	38.282	ng		
36) 4-Chloro-3-methylphenol	11.90	107	1103380	41.863	ng		98
37) 2-Methylnaphthalene	12.28	142	2442339	43.032	ng		99
38) 1-Methylnaphthalene	12.50	142	2310371	42.751	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1253037	47.726	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1604299	102.170	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	818506	48.433	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	860898	49.343	ng	97
46) 1,1'-Biphenyl	13.30	154	3079149	46.019	ng	99
47) 2-Chloronaphthalene	13.33	162	2354345	43.597	ng	99
48) 2-Nitroaniline	13.55	65	669116	39.477	ng	91
49) Acenaphthylene	14.19	152	3720038	44.149	ng	100
50) Dimethylphthalate	13.93	163	2835110	41.420	ng	100
51) 2,6-Dinitrotoluene	14.05	165	609846	43.880	ng	89
52) Acenaphthene	14.53	154	2146306	42.743	ng	100
53) 3-Nitroaniline	14.37	138	360026	23.208	ng	94
54) 2,4-Dinitrophenol	14.58	184	501971	83.596	ng	90
55) Dibenzofuran	14.86	168	3358751	43.067	ng	98
56) 4-Nitrophenol	14.68	139	922124	80.666	ng	90
57) 2,4-Dinitrotoluene	14.83	165	790753	42.493	ng	97
58) Fluorene	15.51	166	2676710	41.736	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	713377	46.923	ng	97
60) Diethylphthalate	15.29	149	2784217	39.440	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1416640	41.718	ng	98
62) 4-Nitroaniline	15.54	138	551825	33.541	ng	96
63) Azobenzene	15.80	77	2608104	38.537	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	307313	45.378	ng	98
66) n-Nitrosodiphenylamine	15.72	169	2276982	47.167	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	820657	46.221	ng	97
68) Hexachlorobenzene	16.50	284	925536	44.641	ng	96
69) Atrazine	16.67	200	717887	49.826	ng	99
70) Pentachlorophenol	16.85	266	1024486	103.579	ng	100
71) Phenanthrene	17.25	178	3682275	43.079	ng	100
72) Anthracene	17.34	178	3777814	44.158	ng	100
73) Carbazole	17.61	167	3132481	40.348	ng	100
74) Di-n-butylphthalate	18.17	149	4092276	40.605	ng	99
75) Fluoranthene	19.26	202	3678687	38.699	ng	99
77) Benzidine	19.45	184	1562992	48.390	ng	99
78) Pyrene	19.62	202	3668261	44.844	ng	99
80) Butylbenzylphthalate	20.53	149	1481204	42.848	ng	93
81) Benzo(a)anthracene	21.37	228	3106349	41.846	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	909062	33.442	ng	99
83) Chrysene	21.42	228	3093155	43.835	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	2105740	41.912	ng	99
85) Di-n-octyl phthalate	22.19	149	3271853	41.018	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3911942	54.190	ng	99
88) Benzo(b)fluoranthene	22.98	252	3229852	42.402	ng	99
89) Benzo(k)fluoranthene	23.03	252	3091829	41.535	ng	99
90) Benzo(a)pyrene	23.57	252	3125289	45.234	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3295057	49.158	ng	100
92) Benzo(g,h,i)perylene	26.70	276	3196900	51.347	ng	99

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

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