Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020717.D
Acq On : 05 Jun 2019 01:29
Operator : HP/JU
Sample : PB120308BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:46 PM

Quant Time: Jun 05 04:05:37 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	7.82	152	322579	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1216293	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	623241	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1221840	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1061144	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1241705	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2517895	137.30	ng	0.00
7) Phenol-d6	6.99	99	3231269	119.67	ng	0.00
23) Nitrobenzene-d5	8.99	82	1960467	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1055292	136.66	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4203445	89.66	ng	-0.01
79) Terphenyl-d14	19.83	244	4873157	76.81	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	303184	40.381	ng	97
3) Pyridine	3.74	79	873465	36.565	ng	98
4) n-Nitrosodimethylamine	3.66	42	390915	37.962	ng	96
6) Aniline	7.16	93	1062024	27.182	ng	98
8) 2-Chlorophenol	7.39	128	968413	42.449	ng	98
9) Benzaldehyde	6.97	77	300170	15.421	ng	96
10) Phenol	7.02	94	1179048	40.518	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	885818	38.198	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1037751	39.580	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1051886	39.464	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1007615	38.845	ng	99
15) Benzyl Alcohol	8.06	79	854122	35.756	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1217221	33.997	ng	98
17) 2-Methylphenol	8.26	107	780112	38.125	ng	98
18) Hexachloroethane	8.90	117	384732	37.700	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	713804	32.886	ng	97
20) 3+4-Methylphenols	8.59	107	1029866	36.993	ng	98
22) Acetophenone	8.65	105	1351241	43.732	ng	98
24) Nitrobenzene	9.03	77	1054375	43.996	ng	98
25) Isophorone	9.55	82	1838468	39.371	ng	100
26) 2-Nitrophenol	9.73	139	452562	50.669	ng	98
27) 2,4-Dimethylphenol	9.79	122	823350	49.195	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1137557	40.290	ng	100
29) 2,4-Dichlorophenol	10.26	162	843577	45.557	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	951740	44.700	ng	99
31) Naphthalene	10.67	128	2750998	43.984	ng	100
32) Benzoic acid	9.92	122	451817m	43.436	ng	
33) 4-Chloroaniline	10.78	127	474336	16.296	ng	97
34) Hexachlorobutadiene	10.94	225	554878	43.434	ng	99
35) Caprolactam	11.57	113	236607m	36.781	ng	
36) 4-Chloro-3-methylphenol	11.90	107	851396	39.547	ng	99
37) 2-Methylnaphthalene	12.27	142	1957743	42.229	ng	100
38) 1-Methylnaphthalene	12.50	142	1851240	41.937	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1001200	49.020	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247728	102.146	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	623853	47.453	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	662724	48.828	ng	97
46) 1,1'-Biphenyl	13.29	154	2405277	46.210	ng	98
47) 2-Chloronaphthalene	13.33	162	1871440	44.547	ng	98
48) 2-Nitroaniline	13.54	65	519092	39.369	ng	90
49) Acenaphthylene	14.18	152	2885654	44.023	ng	100
50) Dimethylphthalate	13.92	163	2171463	40.781	ng	100
51) 2,6-Dinitrotoluene	14.04	165	467772	43.265	ng	89
52) Acenaphthene	14.53	154	1691743	43.309	ng	99
53) 3-Nitroaniline	14.37	138	296569	24.575	ng	92
54) 2,4-Dinitrophenol	14.57	184	386309	82.778	ng	93
55) Dibenzofuran	14.86	168	2629152	43.336	ng	98
56) 4-Nitrophenol	14.67	139	756280	85.044	ng	94
57) 2,4-Dinitrotoluene	14.83	165	620596	42.869	ng	95
58) Fluorene	15.51	166	2064997	41.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	546983	46.249	ng	98
60) Diethylphthalate	15.29	149	2117879	38.566	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1090133	41.267	ng	96
62) 4-Nitroaniline	15.53	138	456398	35.660	ng	95
63) Azobenzene	15.80	77	2021940	38.405	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	238443	43.827	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1779260	45.489	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	632148	43.942	ng	97
68) Hexachlorobenzene	16.50	284	719208	42.814	ng	99
69) Atrazine	16.67	200	562179	48.157	ng	99
70) Pentachlorophenol	16.85	266	823870	102.804	ng	99
71) Phenanthrene	17.25	178	2990255	43.176	ng	100
72) Anthracene	17.34	178	3064893	44.215	ng	99
73) Carbazole	17.61	167	2642296	42.005	ng	99
74) Di-n-butylphthalate	18.17	149	3231366	39.572	ng	100
75) Fluoranthene	19.26	202	3219121	41.796	ng	99
77) Benzidine	19.45	184	1442393	44.859	ng	99
78) Pyrene	19.62	202	3252367	39.940	ng	100
80) Butylbenzylphthalate	20.52	149	1288470	37.442	ng	96
81) Benzo(a)anthracene	21.36	228	3068981	41.531	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	949747	35.098	ng	99
83) Chrysene	21.41	228	3031383	43.155	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1801161	36.013	ng	100
85) Di-n-octyl phthalate	22.19	149	3039277	38.276	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4361310	60.690	ng	99
88) Benzo(b)fluoranthene	22.98	252	3350035	40.819	ng	99
89) Benzo(k)fluoranthene	23.02	252	3385498	42.212	ng	100
90) Benzo(a)pyrene	23.57	252	3364955	45.203	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3666469	50.768	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3526269	52.567	ng	98

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

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