Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020677.D
Acq On : 03 Jun 2019 18:53
Operator : HP/JU
Sample : PB120221BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120221BSD

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:07 AM

Quant Time: Jun 04 06:39:34 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	297396	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1163216	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	595552	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1146576	20.00	ng		0.00
76) Chrysene-d12	21.39	240	962631	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1063349	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2356059	139.36	ng		0.00
7) Phenol-d6	6.99	99	3108495	124.87	ng		0.00
23) Nitrobenzene-d5	8.99	82	1654092	73.68	ng		-0.01
42) 2,4,6-Tribromophenol	15.96	330	983011	133.22	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3541430	79.06	ng		0.00
79) Terphenyl-d14	19.83	244	3648355	63.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	265437	38.348	ng		97
3) Pyridine	3.74	79	734543	33.354	ng		99
4) n-Nitrosodimethylamine	3.66	42	331312	34.899	ng		95
6) Aniline	7.16	93	921300	25.577	ng		99
8) 2-Chlorophenol	7.39	128	812563	38.634	ng		99
9) Benzaldehyde	6.97	77	264137	14.518	ng		97
10) Phenol	7.02	94	991236	36.949	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	750305	35.094	ng		96
12) 1,3-Dichlorobenzene	7.72	146	862738	35.691	ng		99
13) 1,4-Dichlorobenzene	7.86	146	883344	35.947	ng		99
14) 1,2-Dichlorobenzene	8.17	146	846221	35.386	ng		99
15) Benzyl Alcohol	8.07	79	725299	32.934	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1061052	32.145	ng		99
17) 2-Methylphenol	8.26	107	660708	35.024	ng		98
18) Hexachloroethane	8.90	117	324592	34.500	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	616569	30.812	ng		98
20) 3+4-Methylphenols	8.59	107	870482	33.915	ng		99
22) Acetophenone	8.65	105	1146443	38.797	ng	#	97
24) Nitrobenzene	9.03	77	905659	39.515	ng		98
25) Isophorone	9.55	82	1596945	35.759	ng		99
26) 2-Nitrophenol	9.74	139	370256	43.346	ng		98
27) 2,4-Dimethylphenol	9.79	122	698181	43.620	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	981118	36.335	ng		100
29) 2,4-Dichlorophenol	10.26	162	707256	39.938	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	788737	38.735	ng		100
31) Naphthalene	10.67	128	2331081	38.971	ng		100
32) Benzoic acid	9.92	122	350853	36.235	ng		95
33) 4-Chloroaniline	10.78	127	388289	13.948	ng		98
34) Hexachlorobutadiene	10.95	225	459047	37.572	ng		99
35) Caprolactam	11.56	113	194607m	31.633	ng		
36) 4-Chloro-3-methylphenol	11.90	107	728558	35.385	ng		100
37) 2-Methylnaphthalene	12.28	142	1667318	37.605	ng		99
38) 1-Methylnaphthalene	12.50	142	1573995	37.283	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	832129	42.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1023507	87.686	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	516076	41.080	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	546699	42.153	ng	97
46) 1,1'-Biphenyl	13.30	154	2066438	41.546	ng	99
47) 2-Chloronaphthalene	13.34	162	1594890	39.730	ng	99
48) 2-Nitroaniline	13.55	65	444906	35.311	ng	93
49) Acenaphthylene	14.19	152	2458509	39.251	ng	100
50) Dimethylphthalate	13.93	163	1853480	36.428	ng	100
51) 2,6-Dinitrotoluene	14.05	165	395120	38.245	ng	92
52) Acenaphthene	14.53	154	1434663	38.435	ng	100
53) 3-Nitroaniline	14.37	138	232019	20.120	ng	95
54) 2,4-Dinitrophenol	14.58	184	316660	72.040	ng	93
55) Dibenzofuran	14.86	168	2232917	38.516	ng	99
56) 4-Nitrophenol	14.67	139	634485	74.665	ng	95
57) 2,4-Dinitrotoluene	14.83	165	521197	37.677	ng	97
58) Fluorene	15.52	166	1759933	36.915	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	448185	39.657	ng	99
60) Diethylphthalate	15.29	149	1837039	35.007	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	914027	36.209	ng	98
62) 4-Nitroaniline	15.54	138	380049	31.075	ng	96
63) Azobenzene	15.80	77	1789044	35.561	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	193964	39.163	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1514521	41.262	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	530633	39.307	ng	97
68) Hexachlorobenzene	16.51	284	598773	37.984	ng	96
69) Atrazine	16.67	200	478941	43.720	ng	99
70) Pentachlorophenol	16.85	266	664684	88.385	ng	99
71) Phenanthrene	17.25	178	2530211	38.931	ng	100
72) Anthracene	17.34	178	2580103	39.664	ng	99
73) Carbazole	17.62	167	2230948	37.794	ng	100
74) Di-n-butylphthalate	18.18	149	2844478	37.121	ng	100
75) Fluoranthene	19.26	202	2653608	36.715	ng	99
77) Benzidine	19.45	184	1120598	38.418	ng	99
78) Pyrene	19.63	202	2715858	36.765	ng	100
80) Butylbenzylphthalate	20.53	149	1159138	37.131	ng	98
81) Benzo(a)anthracene	21.37	228	2494320	37.208	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	787123	32.065	ng	97
83) Chrysene	21.42	228	2440940	38.306	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1697074	37.404	ng	99
85) Di-n-octyl phthalate	22.20	149	2802691	38.908	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3239462	49.692	ng	100
88) Benzo(b)fluoranthene	22.99	252	2596910	36.950	ng	99
89) Benzo(k)fluoranthene	23.03	252	2636463	38.386	ng	100
90) Benzo(a)pyrene	23.57	252	2568306	40.288	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2718889	43.962	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2633621	45.845	ng	99

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

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