Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020729.D
Acq On : 05 Jun 2019 10:38
Operator : HP/JU
Sample : PB120082BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120082BSD

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:28 AM

Quant Time: Jun 05 18:29:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	331199	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1342938	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	742503	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1435283	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1187030	20.00	ng		0.00
87) Perylene-d12	23.66	264	1120590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1603895	85.19	ng		0.00
7) Phenol-d6	6.99	99	2167413	78.18	ng		0.00
23) Nitrobenzene-d5	8.99	82	1873504	72.28	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	747963	81.30	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4231793	75.77	ng		0.00
79) Terphenyl-d14	19.83	244	4887492	68.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	304832	39.544	ng		99
3) Pyridine	3.74	79	807718	32.933	ng		99
4) n-Nitrosodimethylamine	3.66	42	369573	34.956	ng		98
6) Aniline	7.16	93	1041047	25.952	ng		99
8) 2-Chlorophenol	7.39	128	988444	42.200	ng		99
9) Benzaldehyde	6.97	77	28121	Below Cal			93
10) Phenol	7.02	94	1217038	40.735	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	878985	36.916	ng		99
12) 1,3-Dichlorobenzene	7.71	146	998813	37.103	ng		100
13) 1,4-Dichlorobenzene	7.86	146	1019839	37.266	ng		99
14) 1,2-Dichlorobenzene	8.17	146	980873	36.830	ng		99
15) Benzyl Alcohol	8.06	79	872779	35.586	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1211060	32.945	ng		99
17) 2-Methylphenol	8.26	107	815264	38.806	ng		99
18) Hexachloroethane	8.89	117	374329	35.726	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	751224	33.709	ng		99
20) 3+4-Methylphenols	8.59	107	1087528	38.047	ng		98
22) Acetophenone	8.65	105	1372075	40.219	ng	#	99
24) Nitrobenzene	9.03	77	1072736	40.541	ng		99
25) Isophorone	9.55	82	1966467	38.140	ng		99
26) 2-Nitrophenol	9.73	139	463723	47.023	ng		99
27) 2,4-Dimethylphenol	9.79	122	889530	48.137	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1208674	38.772	ng		99
29) 2,4-Dichlorophenol	10.26	162	921200	45.058	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	970108	41.266	ng		99
31) Naphthalene	10.66	128	2843655	41.178	ng		100
32) Benzoic acid	9.93	122	459602	40.422	ng		96
33) 4-Chloroaniline	10.77	127	478888	14.900	ng		100
34) Hexachlorobutadiene	10.94	225	567768	40.252	ng		99
35) Caprolactam	11.57	113	256789m	36.154	ng		
36) 4-Chloro-3-methylphenol	11.90	107	951686	40.036	ng		100
37) 2-Methylnaphthalene	12.27	142	2103254	41.089	ng		100
38) 1-Methylnaphthalene	12.50	142	1988178	40.791	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1086000	44.632	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247851	85.747	ng		99
43) 2,4,6-Trichlorophenol	12.88	196	703256	44.901	ng		100
44) 2,4,5-Trichlorophenol	12.95	196	750080	46.388	ng	#	97
46) 1,1'-Biphenyl	13.29	154	2669409	43.047	ng		100
47) 2-Chloronaphthalene	13.33	162	2055238	41.065	ng		100
48) 2-Nitroaniline	13.55	65	576830	36.721	ng		98
49) Acenaphthylene	14.18	152	3229580	41.356	ng		100
50) Dimethylphthalate	13.92	163	2515772	39.659	ng		100
51) 2,6-Dinitrotoluene	14.05	165	536518	41.653	ng		97
52) Acenaphthene	14.52	154	1896523	40.753	ng		99
53) 3-Nitroaniline	14.37	138	336055	23.375	ng		100
54) 2,4-Dinitrophenol	14.57	184	412413	74.931	ng		98
55) Dibenzofuran	14.86	168	2958503	40.932	ng		99
56) 4-Nitrophenol	14.67	139	811262	76.574	ng		98
57) 2,4-Dinitrotoluene	14.83	165	701695	40.686	ng		98
58) Fluorene	15.51	166	2357960	39.670	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	632039	44.857	ng		99
60) Diethylphthalate	15.29	149	2486061	37.999	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	1260253	40.044	ng		100
62) 4-Nitroaniline	15.53	138	479449	31.444	ng		97
63) Azobenzene	15.80	77	2303617	36.727	ng		99
65) 4,6-Dinitro-2-methylphenol	15.59	198	265018	41.941	ng		98
66) n-Nitrosodiphenylamine	15.72	169	2027151	44.120	ng		99
67) 4-Bromophenyl-phenylether	16.40	248	735966	43.551	ng		99
68) Hexachlorobenzene	16.50	284	845044	42.824	ng		98
69) Atrazine	16.67	200	601704	43.878	ng		99
70) Pentachlorophenol	16.85	266	916262	97.330	ng		99
71) Phenanthrene	17.24	178	3352711	41.210	ng		99
72) Anthracene	17.33	178	3394606	41.689	ng		99
73) Carbazole	17.61	167	2859009	38.691	ng		99
74) Di-n-butylphthalate	18.17	149	3655058	38.104	ng		100
75) Fluoranthene	19.26	202	3394497	37.519	ng		100
77) Benzidine	19.44	184	1102554	30.654	ng		99
78) Pyrene	19.62	202	3401572	37.343	ng		99
80) Butylbenzylphthalate	20.52	149	1347884	35.014	ng		98
81) Benzo(a)anthracene	21.36	228	2918549	35.307	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	897341	29.644	ng		99
83) Chrysene	21.42	228	2868765	36.509	ng		100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1886833	33.725	ng		99
85) Di-n-octyl phthalate	22.19	149	2935854	33.052	ng		100
86) Indeno(1,2,3-cd)pyrene	25.99	276	3617337	44.999	ng		99
88) Benzo(b)fluoranthene	22.97	252	2974652	40.163	ng		100
89) Benzo(k)fluoranthene	23.02	252	2934772	40.547	ng		99
90) Benzo(a)pyrene	23.56	252	2908131	43.289	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	3053850	46.855	ng		99
92) Benzo(g,h,i)perylene	26.69	276	2956940	48.844	ng		99

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

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