Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020700.D
Acq On : 04 Jun 2019 11:18
Operator : HP/JU
Sample : PB120177BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120177BS

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:26 AM

Quant Time: Jun 04 13:15:14 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	300039	20.00	ng		-0.01
21) Naphthalene-d8	10.62	136	1163350	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	585295	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1118299	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1037811	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1081363	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1413572	82.87	ng		0.00
7) Phenol-d6	6.99	99	1852877	73.77	ng		0.00
23) Nitrobenzene-d5	8.99	82	1630777	72.63	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	561716	77.46	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	3394807	77.11	ng		-0.01
79) Terphenyl-d14	19.83	244	3865685	62.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	292577	41.896	ng		97
3) Pyridine	3.74	79	747920	33.662	ng		99
4) n-Nitrosodimethylamine	3.66	42	342001	35.707	ng		96
6) Aniline	7.16	93	874230	24.057	ng		98
8) 2-Chlorophenol	7.39	128	856027	40.342	ng		97
9) Benzaldehyde	6.97	77	26477	Below Cal			92
10) Phenol	7.02	94	1042113	38.503	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	784579	36.374	ng		97
12) 1,3-Dichlorobenzene	7.72	146	903159	37.034	ng		98
13) 1,4-Dichlorobenzene	7.86	146	923583	37.253	ng		99
14) 1,2-Dichlorobenzene	8.17	146	881486	36.536	ng		100
15) Benzyl Alcohol	8.06	79	754582	33.962	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1072290	32.199	ng		99
17) 2-Methylphenol	8.26	107	693548	36.441	ng		97
18) Hexachloroethane	8.90	117	338573	35.669	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	641697	31.785	ng		97
20) 3+4-Methylphenols	8.59	107	909943	35.140	ng		97
22) Acetophenone	8.65	105	1185492	40.114	ng	#	96
24) Nitrobenzene	9.03	77	934337	40.762	ng		99
25) Isophorone	9.55	82	1659805	37.162	ng		100
26) 2-Nitrophenol	9.73	139	405874	47.510	ng		98
27) 2,4-Dimethylphenol	9.79	122	729684	45.583	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1009758	37.391	ng		99
29) 2,4-Dichlorophenol	10.26	162	749536	42.321	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	827059	40.612	ng		99
31) Naphthalene	10.67	128	2455292	41.042	ng		100
32) Benzoic acid	9.92	122	447743m	44.818	ng		
33) 4-Chloroaniline	10.78	127	420204	15.093	ng		97
34) Hexachlorobutadiene	10.95	225	478999	39.201	ng		99
35) Caprolactam	11.56	113	210757m	34.254	ng		
36) 4-Chloro-3-methylphenol	11.90	107	763460	37.076	ng		99
37) 2-Methylnaphthalene	12.28	142	1747697	39.414	ng		99
38) 1-Methylnaphthalene	12.50	142	1647785	39.026	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	868087	45.258	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	979203	85.360 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	553793	44.855 ng	97
44) 2,4,5-Trichlorophenol	12.96	196	585649	45.947 ng	96
46) 1,1'-Biphenyl	13.29	154	2163409	44.258 ng	99
47) 2-Chloronaphthalene	13.33	162	1661591	42.117 ng	99
48) 2-Nitroaniline	13.55	65	469149	37.888 ng	92
49) Acenaphthylene	14.18	152	2577271	41.868 ng	100
50) Dimethylphthalate	13.92	163	1953508	39.066 ng	99
51) 2,6-Dinitrotoluene	14.05	165	418344	41.202 ng	91
52) Acenaphthene	14.53	154	1515093	41.301 ng	99
53) 3-Nitroaniline	14.37	138	265499	23.427 ng	98
54) 2,4-Dinitrophenol	14.57	184	333064	76.590 ng	93
55) Dibenzofuran	14.86	168	2313693	40.609 ng	98
56) 4-Nitrophenol	14.67	139	662733	79.356 ng	95
57) 2,4-Dinitrotoluene	14.83	165	543745	39.996 ng	96
58) Fluorene	15.51	166	1838976	39.249 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	479062	43.132 ng	99
60) Diethylphthalate	15.29	149	1934733	37.515 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	959295	38.669 ng	98
62) 4-Nitroaniline	15.53	138	389412	32.399 ng	93
63) Azobenzene	15.80	77	1814262	36.694 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	204034	41.547 ng	97
66) n-Nitrosodiphenylamine	15.72	169	1561348	43.614 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	551376	41.876 ng	98
68) Hexachlorobenzene	16.50	284	627135	40.789 ng	98
69) Atrazine	16.67	200	459870	43.041 ng	100
70) Pentachlorophenol	16.85	266	717476	97.817 ng	99
71) Phenanthrene	17.25	178	2626847	41.440 ng	99
72) Anthracene	17.34	178	2650791	41.781 ng	99
73) Carbazole	17.61	167	2293867	39.842 ng	99
74) Di-n-butylphthalate	18.17	149	2876235	38.484 ng	100
75) Fluoranthene	19.26	202	2727486	38.691 ng	100
77) Benzidine	19.45	184	1031766	32.810 ng	99
78) Pyrene	19.62	202	2789911	35.031 ng	100
80) Butylbenzylphthalate	20.53	149	1137640	33.802 ng	95
81) Benzo(a)anthracene	21.37	228	2559526	35.415 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	897578	33.915 ng	99
83) Chrysene	21.42	228	2524448	36.746 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1582867	32.360 ng	99
85) Di-n-octyl phthalate	22.20	149	2627912	33.839 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3603099	51.266 ng	99
88) Benzo(b)fluoranthene	22.98	252	2823445	39.504 ng	100
89) Benzo(k)fluoranthene	23.03	252	2750868	39.385 ng	100
90) Benzo(a)pyrene	23.57	252	2775529	42.814 ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3028577	48.153 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2937301	50.279 ng	99

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

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