Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020674.D
Acq On : 03 Jun 2019 17:04
Operator : HP/JU
Sample : PB120243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120243BS

Quant Time: Jun 04 04:15:03 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	689134	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	2647751	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	1338232	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	2579086	20.00	ng		0.00
76) Chrysene-d12	21.39	240	2362877	20.00	ng		-0.01
87) Perylene-d12	23.68	264	2959762	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	5138441	131.16	ng		0.00
7) Phenol-d6	7.00	99	6646308	115.22	ng		0.01
23) Nitrobenzene-d5	8.99	82	3670876	71.83	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	2269576	136.88	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	7784878	77.34	ng		0.00
79) Terphenyl-d14	19.83	244	8139404	57.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	215852	13.457	ng		97
3) Pyridine	3.75	79	588990	11.542	ng		99
4) n-Nitrosodimethylamine	3.66	42	253098	11.505	ng		95
6) Aniline	7.17	93	672634	8.059	ng		99
8) 2-Chlorophenol	7.40	128	578865	11.877	ng		98
9) Benzaldehyde	6.97	77	212575	2.834	ng		97
10) Phenol	7.03	94	696920	11.211	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	545826	11.017	ng		99
12) 1,3-Dichlorobenzene	7.72	146	651376	11.629	ng		99
13) 1,4-Dichlorobenzene	7.86	146	662140	11.628	ng		98
14) 1,2-Dichlorobenzene	8.18	146	626473	11.305	ng		99
15) Benzyl Alcohol	8.07	79	510804	10.009	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	758008	9.910	ng		99
17) 2-Methylphenol	8.26	107	460724	10.540	ng		98
18) Hexachloroethane	8.90	117	242830	11.138	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	444250	9.581	ng		97
20) 3+4-Methylphenols	8.59	107	603839	10.153	ng		99
22) Acetophenone	8.65	105	832909	12.383	ng	#	97
24) Nitrobenzene	9.03	77	663161	12.712	ng		99
25) Isophorone	9.55	82	1130900	11.125	ng		100
26) 2-Nitrophenol	9.73	139	258915	13.316	ng		100
27) 2,4-Dimethylphenol	9.79	122	483794	13.279	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	687157	11.180	ng		99
29) 2,4-Dichlorophenol	10.26	162	483625	11.998	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	576838	12.445	ng		100
31) Naphthalene	10.67	128	1702128	12.501	ng		100
32) Benzoic acid	9.90	122	226962	13.973	ng		97
33) 4-Chloroaniline	10.78	127	262533	4.143	ng		98
34) Hexachlorobutadiene	10.95	225	331569	11.922	ng		99
35) Caprolactam	11.56	113	132419	9.456	ng		97
36) 4-Chloro-3-methylphenol	11.90	107	493659	10.533	ng		97
37) 2-Methylnaphthalene	12.28	142	1196217	11.853	ng		99
38) 1-Methylnaphthalene	12.50	142	1114984	11.603	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	582785	13.289	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	690155	26.313 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	340632	12.067 ng	100
44) 2,4,5-Trichlorophenol	12.96	196	364446	12.505 ng	97
46) 1,1'-Biphenyl	13.30	154	1446579	12.943 ng	99
47) 2-Chloronaphthalene	13.34	162	1109477	12.300 ng	99
48) 2-Nitroaniline	13.55	65	297558	10.510 ng	93
49) Acenaphthylene	14.19	152	1709837	12.148 ng	99
50) Dimethylphthalate	13.93	163	1247884	10.915 ng	100
51) 2,6-Dinitrotoluene	14.05	165	256221	11.037 ng	96
52) Acenaphthene	14.53	154	1007338	12.010 ng	99
53) 3-Nitroaniline	14.37	138	160137	6.180 ng	93
54) 2,4-Dinitrophenol	14.57	184	197159	25.209 ng	97
55) Dibenzofuran	14.86	168	1543090	11.845 ng	98
56) 4-Nitrophenol	14.67	139	425916	22.305 ng	95
57) 2,4-Dinitrotoluene	14.83	165	341017	10.971 ng	96
58) Fluorene	15.51	166	1218266	11.372 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	295445	11.634 ng	100
60) Diethylphthalate	15.29	149	1217033	10.321 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	608438	10.727 ng	98
62) 4-Nitroaniline	15.53	138	251188	9.140 ng	96
63) Azobenzene	15.80	77	1214110	10.740 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	119179	17.090 ng	95
66) n-Nitrosodiphenylamine	15.73	169	1007530	12.203 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	346590	11.414 ng	98
68) Hexachlorobenzene	16.50	284	398142	11.228 ng	98
69) Atrazine	16.67	200	300922	12.212 ng	99
70) Pentachlorophenol	16.85	266	428839	25.351 ng	99
71) Phenanthrene	17.25	178	1712907	11.717 ng	99
72) Anthracene	17.34	178	1744388	11.922 ng	99
73) Carbazole	17.61	167	1495605	11.264 ng	100
74) Di-n-butylphthalate	18.18	149	1767855	10.257 ng	100
75) Fluoranthene	19.26	202	1797394	11.056 ng	100
77) Benzidine	19.45	184	720727	10.066 ng	98
78) Pyrene	19.63	202	1847100	10.187 ng	99
80) Butylbenzylphthalate	20.53	149	714626	9.326 ng	99
81) Benzo(a)anthracene	21.37	228	1764878	10.726 ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	550272	9.132 ng	100
83) Chrysene	21.42	228	1759883	11.251 ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1031124	9.259 ng	98
85) Di-n-octyl phthalate	22.20	149	1762641	9.969 ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2589175	16.181 ng	100
88) Benzo(b)fluoranthene	22.99	252	1997302	10.210 ng	100
89) Benzo(k)fluoranthene	23.03	252	1944287	10.170 ng	99
90) Benzo(a)pyrene	23.58	252	1983073	11.176 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2169836	12.605 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2120203	13.260 ng	100

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

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