Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020668.D
Acq On : 03 Jun 2019 13:28
Operator : HP/JU
Sample : PB120182BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120182BS

Quant Time: Jun 04 04:11:02 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	242861	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	912588	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	443145	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	831513	20.00	ng		0.00
76) Chrysene-d12	21.39	240	751157	20.00	ng		-0.01
87) Perylene-d12	23.67	264	913961	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1930684	139.84	ng		0.00
7) Phenol-d6	6.99	99	2511803	123.56	ng		0.00
23) Nitrobenzene-d5	8.99	82	1332274	75.64	ng		-0.01
42) 2,4,6-Tribromophenol	15.96	330	708912	129.12	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	2678002	80.34	ng		0.00
79) Terphenyl-d14	19.83	244	2627894	58.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	256218	45.328	ng		99
3) Pyridine	3.74	79	712530	39.619	ng		99
4) n-Nitrosodimethylamine	3.66	42	319158	41.167	ng		99
6) Aniline	7.16	93	771568	26.230	ng		97
8) 2-Chlorophenol	7.39	128	718159	41.813	ng		99
9) Benzaldehyde	6.97	77	247946	17.372	ng		97
10) Phenol	7.02	94	867085	39.579	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	672134	38.497	ng		98
12) 1,3-Dichlorobenzene	7.72	146	787946	39.917	ng		99
13) 1,4-Dichlorobenzene	7.86	146	803186	40.024	ng		99
14) 1,2-Dichlorobenzene	8.18	146	760526	38.943	ng		99
15) Benzyl Alcohol	8.07	79	629264	34.989	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	936518	34.743	ng		99
17) 2-Methylphenol	8.26	107	575990	37.389	ng		98
18) Hexachloroethane	8.90	117	293896	38.252	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	536888	32.854	ng		97
20) 3+4-Methylphenols	8.59	107	744473	35.519	ng		98
22) Acetophenone	8.65	105	1005994	43.394	ng	#	98
24) Nitrobenzene	9.03	77	791346	44.010	ng		99
25) Isophorone	9.55	82	1355097	38.677	ng		100
26) 2-Nitrophenol	9.74	139	313442	46.772	ng		98
27) 2,4-Dimethylphenol	9.79	122	595453	47.418	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	845809	39.926	ng		99
29) 2,4-Dichlorophenol	10.26	162	594258	42.773	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	688998	43.129	ng		99
31) Naphthalene	10.67	128	2053847	43.766	ng		100
32) Benzoic acid	9.91	122	282920	37.100	ng		98
33) 4-Chloroaniline	10.78	127	344270	15.763	ng		98
34) Hexachlorobutadiene	10.95	225	399098	41.636	ng		97
35) Caprolactam	11.56	113	160499	33.253	ng		98
36) 4-Chloro-3-methylphenol	11.90	107	604704	37.436	ng		100
37) 2-Methylnaphthalene	12.28	142	1413447	40.634	ng		99
38) 1-Methylnaphthalene	12.50	142	1335668	40.327	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	698209	48.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	867328	99.861 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	418927	44.816 ng	100
44) 2,4,5-Trichlorophenol	12.96	196	441578	45.757 ng	98
46) 1,1'-Biphenyl	13.30	154	1718945	46.445 ng	99
47) 2-Chloronaphthalene	13.34	162	1333024	44.627 ng	99
48) 2-Nitroaniline	13.54	65	369957	39.461 ng	95
49) Acenaphthylene	14.19	152	2046336	43.906 ng	100
50) Dimethylphthalate	13.93	163	1502566	39.687 ng	99
51) 2,6-Dinitrotoluene	14.04	165	325110	42.291 ng	93
52) Acenaphthene	14.53	154	1187858	42.768 ng	99
53) 3-Nitroaniline	14.37	138	193911	22.599 ng	96
54) 2,4-Dinitrophenol	14.58	184	244759	74.552 ng	95
55) Dibenzofuran	14.86	168	1835083	42.540 ng	100
56) 4-Nitrophenol	14.67	139	527171	83.373 ng	94
57) 2,4-Dinitrotoluene	14.83	165	415228	40.340 ng	99
58) Fluorene	15.52	166	1446965	40.789 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	351457	41.794 ng	98
60) Diethylphthalate	15.29	149	1460617	37.407 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	731161	38.927 ng	98
62) 4-Nitroaniline	15.54	138	320397	35.208 ng	94
63) Azobenzene	15.80	77	1463623	39.098 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	147290	40.593 ng	97
66) n-Nitrosodiphenylamine	15.73	169	1229201	46.178 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	419852	42.885 ng	98
68) Hexachlorobenzene	16.51	284	475038	41.553 ng	97
69) Atrazine	16.67	200	376725	47.420 ng	97
70) Pentachlorophenol	16.86	266	530741	97.315 ng	100
71) Phenanthrene	17.25	178	2045980	43.409 ng	100
72) Anthracene	17.34	178	2087357	44.248 ng	99
73) Carbazole	17.62	167	1851474	43.250 ng	100
74) Di-n-butylphthalate	18.18	149	2213230	39.827 ng	100
75) Fluoranthene	19.26	202	2190574	41.792 ng	99
77) Benzidine	19.46	184	1064106	46.752 ng	99
78) Pyrene	19.63	202	2271164	39.401 ng	99
80) Butylbenzylphthalate	20.53	149	906346	37.207 ng	99
81) Benzo(a)anthracene	21.37	228	2175475	41.588 ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	638090	33.312 ng	99
83) Chrysene	21.42	228	2139450	43.027 ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1300391	36.730 ng	98
85) Di-n-octyl phthalate	22.20	149	2253238	40.087 ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	3192212	62.753 ng	100
88) Benzo(b)fluoranthene	22.99	252	2493989	41.286 ng	100
89) Benzo(k)fluoranthene	23.03	252	2382195	40.354 ng	100
90) Benzo(a)pyrene	23.57	252	2453252	44.774 ng	99
91) Dibenzo(a,h)anthracene	26.02	278	2687490	50.557 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2626047	53.185 ng	99

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

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