Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002650.D
Acq On : 07 Jul 2020 10:37
Operator : CG/JU
Sample : PB129929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129929BS

Quant Time: Jul 07 13:00:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	275315	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	978512	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	545349	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1023669	20.00	ng		0.00
76) Chrysene-d12	21.09	240	830772	20.00	ng		0.00
86) Perylene-d12	23.28	264	841918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1298477	79.85	ng		0.00
7) Phenol-d6	6.77	99	1608361	70.87	ng		0.00
23) Nitrobenzene-d5	8.72	82	1474199	77.63	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	534536	80.59	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3022092	81.56	ng		0.00
79) Terphenyl-d14	19.57	244	3474369	90.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	241199	34.609	ng		99
3) Pyridine	3.52	79	695144	33.654	ng		99
4) n-Nitrosodimethylamine	3.44	42	322845	36.821	ng		90
6) Aniline	6.90	93	890746	31.241	ng		97
8) 2-Chlorophenol	7.14	128	758791	42.008	ng		99
9) Benzaldehyde	6.72	77	279703	21.218	ng		97
10) Phenol	6.79	94	945992	41.332	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	759980	40.456	ng		98
12) 1,3-Dichlorobenzene	7.46	146	850594	40.809	ng		98
13) 1,4-Dichlorobenzene	7.60	146	859622	40.482	ng		98
14) 1,2-Dichlorobenzene	7.92	146	798790	39.079	ng		99
15) Benzyl Alcohol	7.81	79	598021	35.066	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1007734	38.503	ng		99
17) 2-Methylphenol	8.03	107	598279	34.923	ng		96
18) Hexachloroethane	8.63	117	302312	39.446	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	507581	34.086	ng		97
20) 3+4-Methylphenols	8.35	107	797669	34.536	ng		98
22) Acetophenone	8.39	105	998106	40.300	ng	#	95
24) Nitrobenzene	8.76	77	811391	40.365	ng		97
25) Isophorone	9.28	82	1431140	37.599	ng		99
26) 2-Nitrophenol	9.46	139	399383	43.565	ng		94
27) 2,4-Dimethylphenol	9.55	122	618116	44.496	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	925359	42.322	ng		99
29) 2,4-Dichlorophenol	10.00	162	679449	42.440	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	794544	44.083	ng		98
31) Naphthalene	10.39	128	2135195	41.220	ng		99
32) Benzoic acid	9.71	122	238595	26.604	ng		96
33) 4-Chloroaniline	10.50	127	369417	16.304	ng		99
34) Hexachlorobutadiene	10.69	225	473148	42.888	ng		98
35) Caprolactam	11.27	113	184264	34.239	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	642032	36.589	ng		98
37) 2-Methylnaphthalene	12.02	142	1498326	39.671	ng		98
38) 1-Methylnaphthalene	12.23	142	1407398	39.566	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	806925	47.387	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	901519	100.245 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	511545	44.397 ng	100
44) 2,4,5-Trichlorophenol	12.72	196	545720	41.144 ng	96
46) 1,1'-Biphenyl	13.05	154	1777304	43.084 ng	98
47) 2-Chloronaphthalene	13.08	162	1444082	43.004 ng	96
48) 2-Nitroaniline	13.29	65	393225	36.707 ng	90
49) Acenaphthylene	13.94	152	2199218	41.614 ng	100
50) Dimethylphthalate	13.69	163	1674569	39.096 ng	100
51) 2,6-Dinitrotoluene	13.80	165	371194	40.126 ng	92
52) Acenaphthene	14.29	154	1272628	40.815 ng	97
53) 3-Nitroaniline	14.13	138	207811	20.631 ng	96
54) 2,4-Dinitrophenol	14.35	184	366152	64.735 ng	89
55) Dibenzofuran	14.62	168	2055955	40.688 ng	97
56) 4-Nitrophenol	14.47	139	517050	65.482 ng	87
57) 2,4-Dinitrotoluene	14.60	165	479289	38.515 ng	91
58) Fluorene	15.27	166	1489954	38.717 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	470560	43.917 ng	92
60) Diethylphthalate	15.07	149	1543301	36.234 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	811397	39.316 ng	91
62) 4-Nitroaniline	15.30	138	328553	32.635 ng	88
63) Azobenzene	15.57	77	1553454	37.721 ng	94
65) 4,6-Dinitro-2-methylphenol	15.37	198	273952	41.942 ng	91
66) n-Nitrosodiphenylamine	15.49	169	1366905	45.741 ng	98
67) 4-Bromophenyl-phenylether	16.17	248	557616	48.474 ng	91
68) Hexachlorobenzene	16.29	284	614503	49.863 ng	97
69) Atrazine	16.46	200	435040	45.370 ng	98
70) Pentachlorophenol	16.64	266	601419	85.214 ng	99
71) Phenanthrene	17.02	178	2323161	42.180 ng	98
72) Anthracene	17.11	178	2358989	43.041 ng	100
73) Carbazole	17.39	167	2041454	38.541 ng	99
74) Di-n-butylphthalate	17.97	149	2391277	38.333 ng	99
75) Fluoranthene	19.01	202	2622758	39.340 ng	100
77) Benzidine	19.19	184	887344	34.716 ng	98
78) Pyrene	19.36	202	2648745	46.841 ng	99
80) Butylbenzylphthalate	20.25	149	969451	39.269 ng	97
81) Benzo(a)anthracene	21.07	228	2294885	42.253 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	665006	33.444 ng	97
83) Chrysene	21.13	228	2257372	43.343 ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1400563	39.508 ng	100
85) Di-n-octyl phthalate	21.89	149	2365977	37.787 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3093994	51.040 ng	99
88) Benzo(b)fluoranthene	22.63	252	2414477	44.944 ng	99
89) Benzo(k)fluoranthene	22.67	252	2351417	46.918 ng	100
90) Benzo(a)pyrene	23.19	252	2202697	44.680 ng	99
91) Dibenzo(a,h)anthracene	25.51	278	2578867	52.062 ng	99
92) Benzo(g,h,i)perylene	26.17	276	2576660	52.012 ng	96

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

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