Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
Data File : BP003080.D
Acq On : 21 Aug 2020 17:24
Operator : CG/JU
Sample : PB131143BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131143BS

Quant Time: Aug 21 18:04:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	231869	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	975809	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	609072	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	1339741	20.00	ng		-0.01
76) Chrysene-d12	21.16	240	1400243	20.00	ng		-0.01
86) Perylene-d12	23.41	264	1780867	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1560511	103.00	ng		0.00
7) Phenol-d6	6.86	99	1854366	88.16	ng		0.00
23) Nitrobenzene-d5	8.82	82	1076430	59.75	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	918174	121.29	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3089304	69.30	ng		-0.01
79) Terphenyl-d14	19.64	244	4521054	64.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	158809	24.420	ng		98
3) Pyridine	3.60	79	416852	23.007	ng		99
4) n-Nitrosodimethylamine	3.52	42	148515	27.904	ng		98
6) Aniline	7.00	93	744588	30.512	ng		99
8) 2-Chlorophenol	7.25	128	707947	43.827	ng		100
9) Benzaldehyde	6.82	77	316264	28.241	ng		99
10) Phenol	6.89	94	747533	35.288	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	543408	33.351	ng		100
12) 1,3-Dichlorobenzene	7.57	146	728334	39.949	ng		100
13) 1,4-Dichlorobenzene	7.71	146	747506	40.563	ng		99
14) 1,2-Dichlorobenzene	8.03	146	717521	40.828	ng		99
15) Benzyl Alcohol	7.92	79	467863	33.712	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.21	45	439557	28.715	ng		100
17) 2-Methylphenol	8.13	107	539620	39.864	ng		99
18) Hexachloroethane	8.75	117	245627	38.214	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	346124	28.559	ng		98
20) 3+4-Methylphenols	8.45	107	736928	40.393	ng		99
22) Acetophenone	8.49	105	887154	32.223	ng	#	97
24) Nitrobenzene	8.86	77	569955	29.140	ng		98
25) Isophorone	9.39	82	1093168	28.243	ng		98
26) 2-Nitrophenol	9.57	139	378863	46.555	ng		98
27) 2,4-Dimethylphenol	9.65	122	628685	40.788	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	726437	33.641	ng		99
29) 2,4-Dichlorophenol	10.11	162	685085	42.231	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	693664	36.579	ng		99
31) Naphthalene	10.50	128	2080467	37.245	ng		99
32) Benzoic acid	9.80	122	375484	42.474	ng		98
33) 4-Chloroaniline	10.61	127	720419	31.120	ng		99
34) Hexachlorobutadiene	10.80	225	401328	34.583	ng		98
35) Caprolactam	11.37	113	224925	44.811	ng		97
36) 4-Chloro-3-methylphenol	11.75	107	662639	39.295	ng		98
37) 2-Methylnaphthalene	12.13	142	1534043	38.607	ng		100
38) 1-Methylnaphthalene	12.35	142	1455631	38.917	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	733194	33.482	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	877427	77.237 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	528039	41.605 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	596556	42.846 ng	98
46) 1,1'-Biphenyl	13.15	154	1937068	38.471 ng	99
47) 2-Chloronaphthalene	13.19	162	1495828	37.938 ng	99
48) 2-Nitroaniline	13.39	65	318920	33.717 ng	95
49) Acenaphthylene	14.04	152	2487265	40.224 ng	99
50) Dimethylphthalate	13.78	163	1980805	41.581 ng	100
51) 2,6-Dinitrotoluene	13.89	165	450074	42.280 ng	96
52) Acenaphthene	14.38	154	1431183	36.011 ng	99
53) 3-Nitroaniline	14.22	138	400456	36.367 ng	100
54) 2,4-Dinitrophenol	14.43	184	491429	105.745 ng	99
55) Dibenzofuran	14.72	168	2309844	37.891 ng	98
56) 4-Nitrophenol	14.55	139	837584	99.154 ng	95
57) 2,4-Dinitrotoluene	14.68	165	630299	44.812 ng	99
58) Fluorene	15.37	166	1773682	37.161 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	532988	45.880 ng	98
60) Diethylphthalate	15.16	149	1971592	42.355 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	885137	36.033 ng	99
62) 4-Nitroaniline	15.39	138	501814	45.527 ng	95
63) Azobenzene	15.66	77	1347458	28.754 ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	351005	49.955 ng	97
66) n-Nitrosodiphenylamine	15.59	169	1696155	38.227 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	606297	37.198 ng	100
68) Hexachlorobenzene	16.39	284	703060	37.293 ng	95
69) Atrazine	16.55	200	547044	36.391 ng	98
70) Pentachlorophenol	16.73	266	919217	94.026 ng	100
71) Phenanthrene	17.11	178	3031518	38.588 ng	99
72) Anthracene	17.20	178	3147364	40.990 ng	99
73) Carbazole	17.47	167	2927208	39.037 ng	100
74) Di-n-butylphthalate	18.05	149	3445030	43.674 ng	99
75) Fluoranthene	19.09	202	3715865	41.052 ng	98
77) Benzidine	19.27	184	2491422	58.349 ng	100
78) Pyrene	19.44	202	3830726	39.134 ng	99
80) Butylbenzylphthalate	20.33	149	1692299	42.906 ng	98
81) Benzo(a)anthracene	21.15	228	3743926	39.253 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	1285909	34.063 ng	100
83) Chrysene	21.20	228	3516006	39.079 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2371341	43.773 ng	99
85) Di-n-octyl phthalate	21.97	149	4273899	48.024 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5755218	40.353 ng	97
88) Benzo(b)fluoranthene	22.73	252	4412009	35.107 ng	98
89) Benzo(k)fluoranthene	22.78	252	4144420	34.891 ng	98
90) Benzo(a)pyrene	23.31	252	4180149	36.812 ng	99
91) Dibenzo(a,h)anthracene	25.72	278	4761983	39.230 ng	98
92) Benzo(g,h,i)perylene	26.40	276	4892169	41.677 ng	97

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

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