Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002738.D
Acq On : 13 Jul 2020 16:21
Operator : CG/JU
Sample : PB129999BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:36 PM

Quant Time: Jul 13 17:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	155316	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	614852	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	368751	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	767391	20.00	ng	0.00
76) Chrysene-d12	21.07	240	731634	20.00	ng	0.00
86) Perylene-d12	23.26	264	732257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1109327	120.51	ng	0.00
7) Phenol-d6	6.76	99	1461859	111.27	ng	0.00
23) Nitrobenzene-d5	8.70	82	889896	77.41	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	434066	112.77	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1837164	77.07	ng	0.00
79) Terphenyl-d14	19.55	244	2603337	81.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	142767	35.572	ng	99
3) Pyridine	3.50	79	401954	33.606	ng	100
4) n-Nitrosodimethylamine	3.42	42	182386	40.478	ng	96
6) Aniline	6.89	93	520272	31.281	ng	99
8) 2-Chlorophenol	7.13	128	417181	40.732	ng	100
9) Benzaldehyde	6.70	77	139138	19.493	ng	98
10) Phenol	6.78	94	560500	41.647	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	424150	37.891	ng	99
12) 1,3-Dichlorobenzene	7.44	146	444083	37.812	ng	98
13) 1,4-Dichlorobenzene	7.59	146	451032	38.267	ng	99
14) 1,2-Dichlorobenzene	7.90	146	430976	37.918	ng	99
15) Benzyl Alcohol	7.80	79	338765	38.532	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	585252	36.353	ng	99
17) 2-Methylphenol	8.01	107	358904	37.432	ng	99
18) Hexachloroethane	8.62	117	159624	38.236	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	308091	38.509	ng	98
20) 3+4-Methylphenols	8.34	107	473635	37.359	ng	99
22) Acetophenone	8.37	105	585834	38.649	ng	99
24) Nitrobenzene	8.74	77	475277	38.174	ng	99
25) Isophorone	9.26	82	858186	36.627	ng	99
26) 2-Nitrophenol	9.45	139	213583	39.718	ng	97
27) 2,4-Dimethylphenol	9.53	122	366568	41.988	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	549907	38.640	ng	100
29) 2,4-Dichlorophenol	9.99	162	385712	40.073	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	413845	37.538	ng	99
31) Naphthalene	10.38	128	1231547	37.939	ng	99
32) Benzoic acid	9.69	122	168870	28.386	ng	96
33) 4-Chloroaniline	10.49	127	260713	18.743	ng	99
34) Hexachlorobutadiene	10.67	225	229782	36.060	ng	99
35) Caprolactam	11.25	113	120251m	35.732	ng	
36) 4-Chloro-3-methylphenol	11.65	107	409951	39.513	ng	99
37) 2-Methylnaphthalene	12.00	142	877841	38.322	ng	98
38) 1-Methylnaphthalene	12.22	142	828607	38.245	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	441680	38.974	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	389133	77.749 ng	99
43) 2,4,6-Trichlorophenol	12.63	196	285203	39.317 ng	98
44) 2,4,5-Trichlorophenol	12.71	196	310096	36.857 ng	100
46) 1,1'-Biphenyl	13.03	154	1079205	39.257 ng	99
47) 2-Chloronaphthalene	13.06	162	853684	38.232 ng	99
48) 2-Nitroaniline	13.27	65	266960	38.678 ng	95
49) Acenaphthylene	13.92	152	1357630	38.569 ng	99
50) Dimethylphthalate	13.67	163	1047551	37.250 ng	99
51) 2,6-Dinitrotoluene	13.78	165	234237	38.906 ng	95
52) Acenaphthene	14.27	154	797494	37.909 ng	100
53) 3-Nitroaniline	14.12	138	159047	23.611 ng	99
54) 2,4-Dinitrophenol	14.33	184	208988	64.754 ng	97
55) Dibenzofuran	14.60	168	1282424	38.010 ng	98
56) 4-Nitrophenol	14.46	139	362609	67.974 ng	98
57) 2,4-Dinitrotoluene	14.59	165	316997	39.979 ng	99
58) Fluorene	15.26	166	984874	39.450 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	269776	40.679 ng	99
60) Diethylphthalate	15.05	149	1008582	36.990 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	494645	37.289 ng	99
62) 4-Nitroaniline	15.29	138	241058	33.919 ng	97
63) Azobenzene	15.56	77	1094535	39.041 ng	100
65) 4,6-Dinitro-2-methylphenol	15.36	198	167063	37.692 ng	100
66) n-Nitrosodiphenylamine	15.48	169	904953	39.920 ng	99
67) 4-Bromophenyl-phenylether	16.16	248	306830	36.706 ng	99
68) Hexachlorobenzene	16.27	284	341822	38.811 ng	95
69) Atrazine	16.45	200	281793	45.534 ng	99
70) Pentachlorophenol	16.63	266	313982	74.295 ng	99
71) Phenanthrene	17.00	178	1612927	38.820 ng	99
72) Anthracene	17.09	178	1643702	40.314 ng	99
73) Carbazole	17.37	167	1525531	38.128 ng	100
74) Di-n-butylphthalate	17.95	149	1683359	38.794 ng	99
75) Fluoranthene	18.99	202	1879147	39.032 ng	99
77) Benzidine	19.17	184	888547	48.996 ng	99
78) Pyrene	19.35	202	1937943	38.364 ng	99
80) Butylbenzylphthalate	20.23	149	741714	37.209 ng	96
81) Benzo(a)anthracene	21.06	228	1795960	37.921 ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	478082	30.480 ng	100
83) Chrysene	21.11	228	1748128	38.776 ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1077066	38.849 ng	99
85) Di-n-octyl phthalate	21.87	149	1883280	37.783 ng	100
87) Indeno(1,2,3-cd)pyrene	25.46	276	2263907	42.776 ng	100
88) Benzo(b)fluoranthene	22.60	252	1876084	41.261 ng	99
89) Benzo(k)fluoranthene	22.65	252	1842893	41.148 ng	99
90) Benzo(a)pyrene	23.16	252	1743625	40.467 ng	99
91) Dibenzo(a,h)anthracene	25.47	278	1874900	43.927 ng	99
92) Benzo(g,h,i)perylene	26.13	276	1858268	42.941 ng	99

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

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