Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002940.D
Acq On : 11 Aug 2020 14:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/12/2020 1:46:50 PM

Quant Time: Aug 11 17:29:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	515866	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1967553	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1112984	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2160274	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1780067	20.00	ng	0.00
86) Perylene-d12	23.43	264	1577756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2594572	76.98	ng	0.00
7) Phenol-d6	6.88	99	3373317	72.09	ng	0.00
23) Nitrobenzene-d5	8.85	82	2496752	68.73	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1080207	78.09	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6483689	79.59	ng	0.00
79) Terphenyl-d14	19.67	244	7704849	86.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	491523	33.972	ng	100
3) Pyridine	3.63	79	1323071m	32.822	ng	
4) n-Nitrosodimethylamine	3.55	42	382121	32.271	ng	100
6) Aniline	7.03	93	1915439	35.280	ng	100
8) 2-Chlorophenol	7.27	128	1512097	42.075	ng	100
9) Benzaldehyde	6.84	77	709642	28.482	ng	100
10) Phenol	6.90	94	1667525	35.382	ng	100
11) bis(2-Chloroethyl)ether	7.13	93	1276103	35.203	ng	100
12) 1,3-Dichlorobenzene	7.59	146	1664117	41.026	ng	100
13) 1,4-Dichlorobenzene	7.73	146	1678338	40.935	ng	100
14) 1,2-Dichlorobenzene	8.05	146	1590514	40.679	ng	100
15) Benzyl Alcohol	7.94	79	1020613	33.055	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1096308	32.191	ng	100
17) 2-Methylphenol	8.15	107	1133181	37.627	ng	100
18) Hexachloroethane	8.78	117	552340	38.624	ng	100
19) n-Nitroso-di-n-propylamine	8.51	70	844696	31.327	ng	100
20) 3+4-Methylphenols	8.48	107	1548112	38.141	ng	100
22) Acetophenone	8.52	105	1990233	35.851	ng	100
24) Nitrobenzene	8.89	77	1298342	32.921	ng	100
25) Isophorone	9.42	82	2563840	32.852	ng	100
26) 2-Nitrophenol	9.60	139	748821	45.725	ng	100
27) 2,4-Dimethylphenol	9.67	122	1242508	39.979	ng	100
28) bis(2-Chloroethoxy)methane	9.90	93	1507785	34.630	ng	100
29) 2,4-Dichlorophenol	10.13	162	1360357	41.589	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1457830	38.126	ng	100
31) Naphthalene	10.53	128	4545089	40.354	ng	100
32) Benzoic acid	9.82	122	881342	48.183	ng	100
33) 4-Chloroaniline	10.63	127	1873534	40.138	ng	100
34) Hexachlorobutadiene	10.83	225	817714	34.946	ng	100
35) Caprolactam	11.40	113	416455	41.148	ng	100
36) 4-Chloro-3-methylphenol	11.77	107	1293064	38.029	ng	100
37) 2-Methylnaphthalene	12.15	142	3259921	40.689	ng	100
38) 1-Methylnaphthalene	12.37	142	3066509	40.660	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1457514	36.423	ng	100

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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	12.52	237	778932	37.523 ng	100
43) 2,4,6-Trichlorophenol	12.76	196	1009439	43.525 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	1089324	42.815 ng	100
46) 1,1'-Biphenyl	13.17	154	3818766	41.504 ng	100
47) 2-Chloronaphthalene	13.21	162	2946825	40.900 ng	100
48) 2-Nitroaniline	13.40	65	594874	34.334 ng	100
49) Acenaphthylene	14.06	152	4724759	41.814 ng	100
50) Dimethylphthalate	13.80	163	3539757	40.664 ng	100
51) 2,6-Dinitrotoluene	13.91	165	815654	41.955 ng	100
52) Acenaphthene	14.40	154	2913625	40.120 ng	100
53) 3-Nitroaniline	14.23	138	884400	43.269 ng	100
54) 2,4-Dinitrophenol	14.44	184	354051	46.572 ng	100
55) Dibenzofuran	14.74	168	4467348	40.103 ng	100
56) 4-Nitrophenol	14.55	139	733020	47.487 ng	100
57) 2,4-Dinitrotoluene	14.70	165	1079616	42.243 ng	100
58) Fluorene	15.39	166	3464373	39.721 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	878435	41.380 ng	100
60) Diethylphthalate	15.18	149	3484711	40.967 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1631233	36.340 ng	100
62) 4-Nitroaniline	15.40	138	876768	43.636 ng	100
63) Azobenzene	15.69	77	2766990	32.312 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	524293	46.784 ng	100
66) n-Nitrosodiphenylamine	15.60	169	3083199	43.094 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	1007933	38.351 ng	100
68) Hexachlorobenzene	16.40	284	1126569	37.060 ng	100
69) Atrazine	16.56	200	956661	39.467 ng	100
70) Pentachlorophenol	16.75	266	685688	43.498 ng	100
71) Phenanthrene	17.13	178	5297506	41.819 ng	100
72) Anthracene	17.23	178	5221835	42.176 ng	100
73) Carbazole	17.49	167	5108132	42.247 ng	100
74) Di-n-butylphthalate	18.07	149	5657230	44.478 ng	100
75) Fluoranthene	19.11	202	5734316	39.289 ng	100
77) Benzidine	19.29	184	2221462	40.926 ng	100
78) Pyrene	19.46	202	5856676	47.065 ng	100
80) Butylbenzylphthalate	20.35	149	2405889	47.621 ng	100
81) Benzo(a)anthracene	21.17	228	5045538	41.613 ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	2051505	42.747 ng	100
83) Chrysene	21.22	228	4818450	42.128 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	3448858	50.078 ng	100
85) Di-n-octyl phthalate	22.00	149	5264091	46.529 ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	4900000	38.779 ng	100
88) Benzo(b)fluoranthene	22.76	252	4709568	42.299 ng	100
89) Benzo(k)fluoranthene	22.80	252	4611756	43.823 ng	100
90) Benzo(a)pyrene	23.34	252	4253353	42.278 ng	100
91) Dibenzo(a,h)anthracene	25.75	278	4182365	38.890 ng	100
92) Benzo(g,h,i)perylene	26.43	276	4047363	38.919 ng	100

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

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