Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002234.D
Acq On : 05 May 2020 13:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/6/2020 6:44:21 PM

Quant Time: May 05 13:38:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	196684	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	882259	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	582049	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1343573	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1391908	20.00	ng	0.00
87) Perylene-d12	23.32	264	1805473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	893470	74.94	ng	0.00
7) Phenol-d6	6.79	99	1369390	78.19	ng	0.00
23) Nitrobenzene-d5	8.76	82	1239400	72.55	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	545337	88.52	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	2945104	70.86	ng	0.00
79) Terphenyl-d14	19.60	244	4626703	81.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	187504	36.327	ng	99
3) Pyridine	3.56	79	544214	33.081	ng	99
4) n-Nitrosodimethylamine	3.48	42	223820	36.959	ng	97
6) Aniline	6.95	93	947297	39.563	ng	98
8) 2-Chlorophenol	7.18	128	546383	40.545	ng	96
9) Benzaldehyde	6.76	77	391690	44.662	ng	97
10) Phenol	6.82	94	752426	40.758	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	583685	37.576	ng	99
12) 1,3-Dichlorobenzene	7.50	146	584219	38.855	ng	100
13) 1,4-Dichlorobenzene	7.65	146	597602	39.284	ng	99
14) 1,2-Dichlorobenzene	7.96	146	574440	38.612	ng	99
15) Benzyl Alcohol	7.85	79	520943	39.182	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	788808	36.625	ng	99
17) 2-Methylphenol	8.06	107	496447	36.613	ng	100
18) Hexachloroethane	8.69	117	211149	38.623	ng	93
19) n-Nitroso-di-n-propylamine	8.42	70	470432	38.543	ng	97
20) 3+4-Methylphenols	8.39	107	687416	36.709	ng	98
22) Acetophenone	8.43	105	955471	41.929	ng	99
24) Nitrobenzene	8.80	77	683715	37.567	ng	98
25) Isophorone	9.32	82	1385364	36.810	ng	99
26) 2-Nitrophenol	9.50	139	281809	41.601	ng	97
27) 2,4-Dimethylphenol	9.58	122	553821	41.919	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	842718	38.645	ng	99
29) 2,4-Dichlorophenol	10.04	162	570299	40.665	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	605206	39.104	ng	99
31) Naphthalene	10.44	128	1868958	39.088	ng	99
32) Benzoic acid	9.71	122	345802	39.740	ng	95
33) 4-Chloroaniline	10.55	127	859791	39.074	ng	99
34) Hexachlorobutadiene	10.75	225	346502	39.189	ng	96
35) Caprolactam	11.30	113	229729	42.629	ng	93
36) 4-Chloro-3-methylphenol	11.68	107	654944	39.974	ng	99
37) 2-Methylnaphthalene	12.06	142	1366822	39.887	ng	98
38) 1-Methylnaphthalene	12.28	142	1293367	39.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	728304	42.127	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	357943	44.833 ng	98
43) 2,4,6-Trichlorophenol	12.67	196	478303	40.825 ng	92
44) 2,4,5-Trichlorophenol	12.75	196	528701	38.258 ng	96
46) 1,1'-Biphenyl	13.09	154	1844169	40.431 ng	99
47) 2-Chloronaphthalene	13.12	162	1379938	39.055 ng	100
48) 2-Nitroaniline	13.32	65	408249	38.524 ng	94
49) Acenaphthylene	13.97	152	2299928	40.165 ng	99
50) Dimethylphthalate	13.73	163	1800637	39.248 ng	100
51) 2,6-Dinitrotoluene	13.83	165	387520	41.032 ng	94
52) Acenaphthene	14.32	154	1418855m	39.268 ng	
53) 3-Nitroaniline	14.16	138	433487	38.428 ng	92
54) 2,4-Dinitrophenol	14.36	184	158709	41.111 ng	92
55) Dibenzofuran	14.66	168	2167242	39.715 ng	100
56) 4-Nitrophenol	14.47	139	371216	41.494 ng	94
57) 2,4-Dinitrotoluene	14.62	165	524124	41.896 ng	94
58) Fluorene	15.32	166	1598965	36.873 ng	94
59) 2,3,4,6-Tetrachlorophenol	14.89	232	482671	44.213 ng	96
60) Diethylphthalate	15.11	149	1789277	38.554 ng	98
61) 4-Chlorophenyl-phenylether	15.32	204	831806	40.507 ng	94
62) 4-Nitroaniline	15.33	138	453182	42.298 ng	99
63) Azobenzene	15.61	77	1824418	37.541 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	240203	43.295 ng	93
66) n-Nitrosodiphenylamine	15.53	169	1551563	39.483 ng	98
67) 4-Bromophenyl-phenylether	16.22	248	558673	38.969 ng	96
68) Hexachlorobenzene	16.33	284	648362	42.717 ng	92
69) Atrazine	16.49	200	561218	55.332 ng	98
70) Pentachlorophenol	16.67	266	408265	44.806 ng	96
71) Phenanthrene	17.06	178	2953792	39.093 ng	98
72) Anthracene	17.15	178	2984165	40.085 ng	98
73) Carbazole	17.42	167	2829444	39.335 ng	99
74) Di-n-butylphthalate	18.01	149	3148604	38.799 ng	99
75) Fluoranthene	19.03	202	3494267	40.311 ng	98
77) Benzidine	19.22	184	1737317	47.712 ng	100
78) Pyrene	19.39	202	3747548	39.635 ng	98
80) Butylbenzylphthalate	20.29	149	1202545	39.227 ng	98
81) Benzo(a)anthracene	21.10	228	3565991	39.495 ng	97
82) 3,3'-Dichlorobenzidine	21.03	252	1542593	45.984 ng	98
83) Chrysene	21.15	228	3603578	40.639 ng	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	2154883	40.540 ng	97
85) Di-n-octyl phthalate	21.93	149	3955374	40.288 ng	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	5349733	44.340 ng	96
88) Benzo(b)fluoranthene	22.66	252	4143044	38.161 ng	98
89) Benzo(k)fluoranthene	22.70	252	4221442	37.960 ng	97
90) Benzo(a)pyrene	23.22	252	4266591	40.821 ng	98
91) Dibenzo(a,h)anthracene	25.56	278	4410082	41.544 ng	97
92) Benzo(g,h,i)perylene	26.22	276	4589087	40.906 ng	95

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

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