Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002518.D
Acq On : 24 Jun 2020 12:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 14:14:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	198987	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	788953	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	475407	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1045640	20.00	ng	0.00
76) Chrysene-d12	21.09	240	974981	20.00	ng	0.00
86) Perylene-d12	23.29	264	1112253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	853342	79.35	ng	0.00
7) Phenol-d6	6.78	99	1108519	77.43	ng	0.00
23) Nitrobenzene-d5	8.73	82	1078793	81.66	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	369974	81.28	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2221488	78.57	ng	0.00
79) Terphenyl-d14	19.57	244	3087429	79.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	196777	39.725	ng	100
3) Pyridine	3.54	79	493468	36.653	ng	100
4) n-Nitrosodimethylamine	3.46	42	238557	42.997	ng	100
6) Aniline	6.92	93	739998	38.004	ng	100
8) 2-Chlorophenol	7.15	128	471105	38.962	ng	100
9) Benzaldehyde	6.73	77	298125	39.121	ng	100
10) Phenol	6.80	94	603500	38.865	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	483217	37.272	ng	100
12) 1,3-Dichlorobenzene	7.48	146	548064	39.363	ng	100
13) 1,4-Dichlorobenzene	7.62	146	551418	39.364	ng	100
14) 1,2-Dichlorobenzene	7.93	146	526357	39.225	ng	100
15) Benzyl Alcohol	7.82	79	439834	39.636	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	690220	37.521	ng	100
17) 2-Methylphenol	8.03	107	439110	38.699	ng	100
18) Hexachloroethane	8.65	117	199339	39.061	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	364831	38.122	ng	100
20) 3+4-Methylphenols	8.36	107	589974	38.526	ng	100
22) Acetophenone	8.40	105	710617	40.091	ng	100
24) Nitrobenzene	8.77	77	577753	40.683	ng	100
25) Isophorone	9.29	82	1061752	39.461	ng	100
26) 2-Nitrophenol	9.48	139	261293	41.291	ng	100
27) 2,4-Dimethylphenol	9.55	122	390543	39.340	ng	100
28) bis(2-Chloroethoxy)methane	9.78	93	620731	38.731	ng	100
29) 2,4-Dichlorophenol	10.01	162	453641	40.594	ng	100
30) 1,2,4-Trichlorobenzene	10.22	180	504059	40.465	ng	100
31) Naphthalene	10.40	128	1448418	39.517	ng	100
32) Benzoic acid	9.72	122	312136	39.083	ng	100
33) 4-Chloroaniline	10.52	127	633217	39.573	ng	100
34) Hexachlorobutadiene	10.70	225	301869	41.527	ng	100
35) Caprolactam	11.29	113	156102	39.605	ng	100
36) 4-Chloro-3-methylphenol	11.66	107	482793	39.928	ng	100
37) 2-Methylnaphthalene	12.03	142	1031289	39.641	ng	100
38) 1-Methylnaphthalene	12.25	142	968194	39.651	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	514006	41.015	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	279427	41.940 ng	100
43) 2,4,6-Trichlorophenol	12.65	196	363523	40.988 ng	100
44) 2,4,5-Trichlorophenol	12.72	196	422568	41.146 ng	100
46) 1,1'-Biphenyl	13.06	154	1234050	39.607 ng	100
47) 2-Chloronaphthalene	13.09	162	1026435	40.274 ng	100
48) 2-Nitroaniline	13.30	65	344148	42.300 ng	100
49) Acenaphthylene	13.95	152	1604619	39.447 ng	100
50) Dimethylphthalate	13.70	163	1289358	39.581 ng	100
51) 2,6-Dinitrotoluene	13.81	165	284298	40.187 ng	100
52) Acenaphthene	14.29	154	941703	39.518 ng	100
53) 3-Nitroaniline	14.13	138	322546	39.929 ng	100
54) 2,4-Dinitrophenol	14.35	184	165595	41.112 ng	100
55) Dibenzofuran	14.63	168	1515838	39.510 ng	100
56) 4-Nitrophenol	14.46	139	251579	39.225 ng	100
57) 2,4-Dinitrotoluene	14.60	165	393581	40.873 ng	100
58) Fluorene	15.29	166	1107381	36.696 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	327773	40.206 ng	100
60) Diethylphthalate	15.07	149	1283772	39.332 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	591586	39.081 ng	100
62) 4-Nitroaniline	15.31	138	317736	40.937 ng	100
63) Azobenzene	15.58	77	1268265	39.036 ng	100
65) 4,6-Dinitro-2-methylphenol	15.37	198	236777	42.912 ng	100
66) n-Nitrosodiphenylamine	15.50	169	1045791	39.151 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	397830	40.163 ng	100
68) Hexachlorobenzene	16.30	284	423531	40.294 ng	100
69) Atrazine	16.47	200	322447	37.004 ng	100
70) Pentachlorophenol	16.65	266	252652	40.176 ng	100
71) Phenanthrene	17.03	178	1935197	39.564 ng	100
72) Anthracene	17.12	178	1933152	39.785 ng	100
73) Carbazole	17.39	167	1881498	39.362 ng	100
74) Di-n-butylphthalate	17.97	149	2218325	39.216 ng	100
75) Fluoranthene	19.02	202	2358531	40.396 ng	100
77) Benzidine	19.19	184	926730	42.538 ng	100
78) Pyrene	19.36	202	2401948	40.220 ng	100
80) Butylbenzylphthalate	20.26	149	1049752	39.542 ng	100
81) Benzo(a)anthracene	21.08	228	2225786	39.995 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	845122	40.862 ng	100
83) Chrysene	21.13	228	2134817	40.489 ng	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1479345	38.308 ng	100
85) Di-n-octyl phthalate	21.89	149	2638001	38.947 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2751868	39.557 ng	100
88) Benzo(b)fluoranthene	22.63	252	2473418	41.237 ng	100
89) Benzo(k)fluoranthene	22.68	252	2176131	38.184 ng	100
90) Benzo(a)pyrene	23.19	252	2237521	39.807 ng	100
91) Dibenzo(a,h)anthracene	25.52	278	2220959	39.799 ng	100
92) Benzo(g,h,i)perylene	26.17	276	2311941	40.002 ng	100

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

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