Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
Data File : BP010663.D
Acq On : 02 Jun 2022 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 02 15:19:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	136882	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	587407	20.000	ng		-0.01
39) Acenaphthene-d10	14.498	164	398739	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	863138	20.000	ng		0.00
76) Chrysene-d12	21.345	240	837331	20.000	ng	#	0.00
86) Perylene-d12	23.751	264	751958	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	622679	82.988	ng		0.00
7) Phenol-d6	7.034	99	928320	87.150	ng		0.00
23) Nitrobenzene-d5	9.022	82	985778	79.342	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	439594	97.394	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2153055	76.634	ng		0.00
79) Terphenyl-d14	19.810	244	3608791	80.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	112897	35.431	ng		95
3) Pyridine	3.752	79	355387	39.826	ng		93
4) n-Nitrosodimethylamine	3.658	42	197622	36.321	ng		90
6) Aniline	7.187	93	543283	43.351	ng		99
8) 2-Chlorophenol	7.428	128	354503	41.861	ng		99
9) Benzaldehyde	6.999	77	257949	36.798	ng		99
10) Phenol	7.063	94	478181	43.410	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	362516	41.524	ng		95
12) 1,3-Dichlorobenzene	7.752	146	390854	39.825	ng		95
13) 1,4-Dichlorobenzene	7.893	146	405278	40.300	ng		99
14) 1,2-Dichlorobenzene	8.210	146	386352	40.132	ng		99
15) Benzyl Alcohol	8.105	79	381163	44.638	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	621226	38.060	ng		98
17) 2-Methylphenol	8.310	107	326424	44.155	ng		99
18) Hexachloroethane	8.940	117	154334	39.675	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	340781	43.863	ng		92
20) 3+4-Methylphenols	8.640	107	456196	44.892	ng		99
22) Acetophenone	8.687	105	625685	40.844	ng	#	95
24) Nitrobenzene	9.063	77	499715	39.811	ng		97
25) Isophorone	9.593	82	897731	43.252	ng		99
26) 2-Nitrophenol	9.775	139	214567	43.861	ng		98
27) 2,4-Dimethylphenol	9.840	122	310685	42.729	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	470233	41.012	ng		97
29) 2,4-Dichlorophenol	10.316	162	368335	42.138	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	393228	38.243	ng		99
31) Naphthalene	10.710	128	1243687	40.190	ng		100
32) Benzoic acid	10.004	122	224575	40.331	ng		96
33) 4-Chloroaniline	10.822	127	519591	43.466	ng		99
34) Hexachlorobutadiene	10.998	225	265191	38.201	ng		97
35) Caprolactam	11.628	113	133635	52.964	ng	#	82
36) 4-Chloro-3-methylphenol	11.957	107	452089	45.394	ng		100
37) 2-Methylnaphthalene	12.322	142	889670	41.203	ng		99
38) 1-Methylnaphthalene	12.540	142	874660	41.479	ng		98
40) 1,2,4,5-Tetrachloroben...	12.693	216	470985	37.970	ng		99
41) Hexachlorocyclopentadiene	12.669	237	271830	41.167	ng		100
43) 2,4,6-Trichlorophenol	12.934	196	320971	41.449	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	357552	40.822	ng	99
46) 1,1'-Biphenyl	13.328	154	1160473	39.019	ng	99
47) 2-Chloronaphthalene	13.375	162	904044	38.672	ng	100
48) 2-Nitroaniline	13.581	65	352773	43.540	ng	99
49) Acenaphthylene	14.216	152	1453744	40.486	ng	99
50) Dimethylphthalate	13.957	163	1192800	41.558	ng	99
51) 2,6-Dinitrotoluene	14.075	165	265422	43.485	ng	98
52) Acenaphthene	14.563	154	879678	39.904	ng	98
53) 3-Nitroaniline	14.404	138	280123	46.859	ng	98
54) 2,4-Dinitrophenol	14.622	184	154614	44.283	ng	94
55) Dibenzofuran	14.892	168	1412949	40.531	ng	99
56) 4-Nitrophenol	14.728	139	214758	44.378	ng	96
57) 2,4-Dinitrotoluene	14.869	165	368399	46.368	ng	95
58) Fluorene	15.545	166	1188076	41.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	330867	44.067	ng	99
60) Diethylphthalate	15.322	149	1233587	43.175	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	593925	41.462	ng	96
62) 4-Nitroaniline	15.575	138	301112	47.356	ng	98
63) Azobenzene	15.834	77	1264550	41.906	ng	98
65) 4,6-Dinitro-2-methylph...	15.634	198	226877	42.025	ng	97
66) n-Nitrosodiphenylamine	15.757	169	1012423	38.955	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	371228	39.535	ng	97
68) Hexachlorobenzene	16.563	284	426416	41.114	ng	91
69) Atrazine	16.716	200	367175	43.557	ng	98
70) Pentachlorophenol	16.910	266	258326	43.389	ng	99
71) Phenanthrene	17.292	178	1888079	39.888	ng	100
72) Anthracene	17.386	178	1843976	40.683	ng	100
73) Carbazole	17.657	167	1681136	43.642	ng	100
74) Di-n-butylphthalate	18.210	149	2156205	44.029	ng	99
75) Fluoranthene	19.263	202	2245490	43.677	ng	98
77) Benzidine	19.439	184	760807	47.300	ng	99
78) Pyrene	19.616	202	2311284	39.608	ng	99
80) Butylbenzylphthalate	20.486	149	1017178	44.259	ng	96
81) Benzo(a)anthracene	21.327	228	2210845	40.242	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	653561	43.377	ng	99
83) Chrysene	21.380	228	2130750	39.542	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1422409	43.907	ng	98
85) Di-n-octyl phthalate	22.174	149	2341419	43.371	ng	98
87) Indeno(1,2,3-cd)pyrene	26.274	276	1898460	34.632	ng	98
88) Benzo(b)fluoranthene	23.021	252	2004269	42.334	ng	100
89) Benzo(k)fluoranthene	23.068	252	1938599	40.393	ng	100
90) Benzo(a)pyrene	23.645	252	1587693	40.542	ng	99
91) Dibenzo(a,h)anthracene	26.280	278	1604374	34.993	ng	98
92) Benzo(g,h,i)perylene	27.039	276	1513275	33.199	ng	97

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

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