Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060722\
Data File : BP010711.D
Acq On : 07 Jun 2022 16:24
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jun 07 17:18:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 17:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	91315	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	353165	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	229760	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	496670	20.000	ng		0.00
76) Chrysene-d12	21.327	240	503797	20.000	ng		0.00
86) Perylene-d12	23.733	264	504808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	434371	86.779	ng		0.00
7) Phenol-d6	7.016	99	600429	84.496	ng		0.00
23) Nitrobenzene-d5	9.005	82	620964	83.129	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	260680	100.231	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	1304369	80.572	ng		0.00
79) Terphenyl-d14	19.798	244	2161254	80.578	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	85655	40.296	ng		96
3) Pyridine	3.734	79	249584	41.927	ng		96
4) n-Nitrosodimethylamine	3.646	42	140236	38.636	ng		93
6) Aniline	7.169	93	348192	41.648	ng		98
8) 2-Chlorophenol	7.410	128	233780	41.381	ng		99
9) Benzaldehyde	6.981	77	158219	33.834	ng		99
10) Phenol	7.046	94	311433	42.381	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	229600	39.423	ng		97
12) 1,3-Dichlorobenzene	7.728	146	263863	40.301	ng		99
13) 1,4-Dichlorobenzene	7.875	146	276533	41.220	ng		98
14) 1,2-Dichlorobenzene	8.193	146	258663	40.276	ng		98
15) Benzyl Alcohol	8.087	79	239176	41.987	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	388942	35.720	ng		97
17) 2-Methylphenol	8.293	107	206523	41.877	ng		99
18) Hexachloroethane	8.916	117	104941	40.439	ng		99
19) n-Nitroso-di-n-propyla...	8.652	70	207622	40.059	ng		94
20) 3+4-Methylphenols	8.622	107	287892	42.467	ng		99
22) Acetophenone	8.669	105	385270	41.831	ng	#	96
24) Nitrobenzene	9.046	77	312472	41.405	ng		97
25) Isophorone	9.575	82	532290	42.655	ng		98
26) 2-Nitrophenol	9.757	139	132321	44.989	ng		96
27) 2,4-Dimethylphenol	9.822	122	190431	43.562	ng		97
28) bis(2-Chloroethoxy)met...	10.052	93	280836	40.739	ng		96
29) 2,4-Dichlorophenol	10.299	162	223939	42.611	ng		99
30) 1,2,4-Trichlorobenzene	10.504	180	253834	41.060	ng		99
31) Naphthalene	10.687	128	774512	41.629	ng		100
32) Benzoic acid	9.987	122	147501	47.985	ng		98
33) 4-Chloroaniline	10.804	127	311476	43.338	ng		99
34) Hexachlorobutadiene	10.975	225	173649	41.606	ng		96
35) Caprolactam	11.604	113	76085	50.156	ng		96
36) 4-Chloro-3-methylphenol	11.940	107	266725	44.545	ng		99
37) 2-Methylnaphthalene	12.298	142	541570	41.718	ng		98
38) 1-Methylnaphthalene	12.522	142	530515	41.846	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	292111	40.869	ng		100
41) Hexachlorocyclopentadiene	12.651	237	125892	33.087	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	193170	43.292	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	216686	42.934	ng	99
46) 1,1'-Biphenyl	13.310	154	690594	40.298	ng	99
47) 2-Chloronaphthalene	13.357	162	540829	40.150	ng	100
48) 2-Nitroaniline	13.563	65	206399	44.209	ng	99
49) Acenaphthylene	14.198	152	861277	41.627	ng	99
50) Dimethylphthalate	13.940	163	708760	42.855	ng	99
51) 2,6-Dinitrotoluene	14.057	165	153902	43.758	ng	97
52) Acenaphthene	14.545	154	520217	40.953	ng	98
53) 3-Nitroaniline	14.392	138	163476	47.458	ng	98
54) 2,4-Dinitrophenol	14.610	184	87119	48.076	ng	97
55) Dibenzofuran	14.881	168	833104	41.474	ng	99
56) 4-Nitrophenol	14.716	139	121160	46.587	ng	98
57) 2,4-Dinitrotoluene	14.851	165	219131	47.865	ng	97
58) Fluorene	15.528	166	695893	42.375	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	193784	44.791	ng	99
60) Diethylphthalate	15.304	149	724152	43.985	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	354559	42.955	ng	97
62) 4-Nitroaniline	15.557	138	168232	50.357	ng	99
63) Azobenzene	15.816	77	736344	42.348	ng	99
65) 4,6-Dinitro-2-methylph...	15.622	198	130654	44.874	ng	98
66) n-Nitrosodiphenylamine	15.739	169	596768	39.904	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	222619	41.202	ng	97
68) Hexachlorobenzene	16.545	284	248827	41.693	ng	94
69) Atrazine	16.698	200	209388	43.167	ng	99
70) Pentachlorophenol	16.892	266	143848	41.988	ng	99
71) Phenanthrene	17.275	178	1112348	40.839	ng	100
72) Anthracene	17.369	178	1082260	41.496	ng	100
73) Carbazole	17.639	167	979027	44.168	ng	99
74) Di-n-butylphthalate	18.192	149	1250735	44.384	ng	99
75) Fluoranthene	19.245	202	1330032	44.958	ng	99
77) Benzidine	19.427	184	489374	50.568	ng	99
78) Pyrene	19.598	202	1360232	38.743	ng	100
80) Butylbenzylphthalate	20.469	149	591757	42.795	ng	99
81) Benzo(a)anthracene	21.310	228	1372890	41.534	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	404570	44.628	ng	99
83) Chrysene	21.363	228	1279847	39.475	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	836551	42.919	ng	99
85) Di-n-octyl phthalate	22.157	149	1408705	43.369	ng	99
87) Indeno(1,2,3-cd)pyrene	26.245	276	1506162	40.928	ng	98
88) Benzo(b)fluoranthene	23.004	252	1269511	39.943	ng	99
89) Benzo(k)fluoranthene	23.045	252	1320493	40.985	ng	99
90) Benzo(a)pyrene	23.627	252	1085313	41.282	ng	98
91) Dibenzo(a,h)anthracene	26.257	278	1258696	40.894	ng	98
92) Benzo(g,h,i)perylene	27.015	276	1252778	40.940	ng	97

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

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