Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
Data File : BP010637.D
Acq On : 31 May 2022 13:37
Operator : CG/JU
Sample : PB145156BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 01 05:29:28 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

Instrument :
BNA_P
ClientSampleId :
PB145156BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	139447	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	558560	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	331697	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	640305	20.000	ng		0.00
76) Chrysene-d12	21.339	240	506703	20.000	ng		0.00
86) Perylene-d12	23.751	264	452039	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1065147	139.347	ng		0.00
7) Phenol-d6	7.046	99	1360700	125.392	ng		0.00
23) Nitrobenzene-d5	9.028	82	934449	79.095	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	476244	126.841	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1904140	81.473	ng		0.00
79) Terphenyl-d14	19.810	244	2454137	90.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	93134	28.691	ng		97
3) Pyridine	3.758	79	252498	27.776	ng		98
4) n-Nitrosodimethylamine	3.664	42	200705	36.209	ng		92
6) Aniline	7.193	93	493651	38.666	ng		98
8) 2-Chlorophenol	7.434	128	378250	43.844	ng		100
9) Benzaldehyde	7.005	77	228235m	31.961	ng		
10) Phenol	7.069	94	487239	43.419	ng		99
11) bis(2-Chloroethyl)ether	7.293	93	366317	41.187	ng		97
12) 1,3-Dichlorobenzene	7.752	146	411636	41.171	ng		97
13) 1,4-Dichlorobenzene	7.899	146	422616	41.251	ng		100
14) 1,2-Dichlorobenzene	8.216	146	403927	41.186	ng		98
15) Benzyl Alcohol	8.110	79	367949m	42.298	ng		
16) 2,2'-oxybis(1-Chloropr...	8.399	45	601889	36.197	ng		98
17) 2-Methylphenol	8.316	107	317140	42.110	ng		97
18) Hexachloroethane	8.940	117	158372	39.964	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	303816	38.385	ng		96
20) 3+4-Methylphenols	8.646	107	427009	41.247	ng		98
22) Acetophenone	8.693	105	577596	39.652	ng	#	95
24) Nitrobenzene	9.069	77	458072	38.378	ng		98
25) Isophorone	9.599	82	797349	40.400	ng		98
26) 2-Nitrophenol	9.781	139	201135	43.239	ng		97
27) 2,4-Dimethylphenol	9.846	122	330831	47.850	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	467612	42.889	ng		99
29) 2,4-Dichlorophenol	10.322	162	345698	41.591	ng		98
30) 1,2,4-Trichlorobenzene	10.534	180	387009	39.582	ng		99
31) Naphthalene	10.716	128	1129412	38.382	ng		99
32) Benzoic acid	10.004	122	172806	34.402	ng		100
33) 4-Chloroaniline	10.828	127	328974	28.941	ng		98
34) Hexachlorobutadiene	11.004	225	251361	38.079	ng		99
35) Caprolactam	11.622	113	106075	44.213	ng	#	92
36) 4-Chloro-3-methylphenol	11.963	107	384198	40.569	ng		97
37) 2-Methylnaphthalene	12.328	142	775413	37.766	ng		98
38) 1-Methylnaphthalene	12.545	142	734767	36.645	ng		97
40) 1,2,4,5-Tetrachloroben...	12.698	216	423969	41.088	ng		99
41) Hexachlorocyclopentadiene	12.675	237	460127	83.768	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	272585	42.316	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	289717	39.763	ng	98
46) 1,1'-Biphenyl	13.334	154	998487	40.359	ng	99
47) 2-Chloronaphthalene	13.375	162	771451	39.670	ng	99
48) 2-Nitroaniline	13.581	65	265553	39.399	ng	98
49) Acenaphthylene	14.222	152	1255515	42.033	ng	99
50) Dimethylphthalate	13.963	163	935877	39.197	ng	100
51) 2,6-Dinitrotoluene	14.081	165	208337	41.031	ng	95
52) Acenaphthene	14.563	154	708793	38.650	ng	98
53) 3-Nitroaniline	14.410	138	166326	33.447	ng	98
54) 2,4-Dinitrophenol	14.622	184	238938	76.567	ng	96
55) Dibenzofuran	14.898	168	1139686	39.300	ng	100
56) 4-Nitrophenol	14.734	139	318885	76.390	ng	93
57) 2,4-Dinitrotoluene	14.869	165	280567	42.450	ng	92
58) Fluorene	15.551	166	905947	38.213	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	241745	38.705	ng	98
60) Diethylphthalate	15.328	149	919145	38.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	467834	39.260	ng	97
62) 4-Nitroaniline	15.575	138	199046	38.069	ng	98
63) Azobenzene	15.839	77	935969	37.286	ng	96
65) 4,6-Dinitro-2-methylph...	15.639	198	152526	38.516	ng	94
66) n-Nitrosodiphenylamine	15.763	169	780740	40.495	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	280194	40.225	ng	99
68) Hexachlorobenzene	16.563	284	307650	39.985	ng	96
69) Atrazine	16.716	200	275399	44.039	ng	98
70) Pentachlorophenol	16.910	266	343986	77.883	ng	99
71) Phenanthrene	17.298	178	1354737	38.581	ng	100
72) Anthracene	17.386	178	1359139	40.422	ng	99
73) Carbazole	17.663	167	1202197	42.069	ng	100
74) Di-n-butylphthalate	18.210	149	1466604	40.369	ng	99
75) Fluoranthene	19.263	202	1479800	38.800	ng	98
77) Benzidine	19.445	184	513895	52.797	ng	99
78) Pyrene	19.616	202	1497677	42.413	ng	100
80) Butylbenzylphthalate	20.486	149	598043	43.002	ng	96
81) Benzo(a)anthracene	21.327	228	1312811	39.488	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	443767	48.671	ng	99
83) Chrysene	21.380	228	1241706	38.079	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	816694	41.660	ng	99
85) Di-n-octyl phthalate	22.174	149	1315526	40.268	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	1350447	40.981	ng	99
88) Benzo(b)fluoranthene	23.015	252	1196907	42.054	ng	99
89) Benzo(k)fluoranthene	23.068	252	1216567	42.167	ng	99
90) Benzo(a)pyrene	23.645	252	1166509	49.550	ng	98
91) Dibenzo(a,h)anthracene	26.286	278	1214897	44.079	ng	99
92) Benzo(g,h,i)perylene	27.045	276	1248977	45.581	ng	98

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

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