Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009341.D
Acq On : 10 Mar 2022 13:12
Operator : CG/JU
Sample : PB143199BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 11 04:59:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB143199BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	436934	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1634263	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	926211	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1750244	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1542896	20.000	ng		0.00
86) Perylene-d12	23.727	264	1659306	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	3399795	113.578	ng		0.00
7) Phenol-d6	6.999	99	4051627	106.512	ng		0.01
23) Nitrobenzene-d5	8.975	82	2568965	86.580	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1555739	139.103	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	5594821	83.070	ng		0.00
79) Terphenyl-d14	19.792	244	7409474	90.626	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	350287	27.492	ng		98
3) Pyridine	3.740	79	931981	34.319	ng		99
4) n-Nitrosodimethylamine	3.652	42	441821	39.010	ng		98
6) Aniline	7.146	93	1423651	29.547	ng		98
8) 2-Chlorophenol	7.387	128	1236943	40.341	ng		98
9) Benzaldehyde	6.958	77	738763m	30.482	ng		
10) Phenol	7.022	94	1477045	37.498	ng		98
11) bis(2-Chloroethyl)ether	7.246	93	1169912	38.378	ng		98
12) 1,3-Dichlorobenzene	7.711	146	1367683	37.860	ng		98
13) 1,4-Dichlorobenzene	7.852	146	1387179	37.847	ng		100
14) 1,2-Dichlorobenzene	8.169	146	1331344	38.006	ng		99
15) Benzyl Alcohol	8.058	79	1039328	38.743	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1317009	33.284	ng		97
17) 2-Methylphenol	8.263	107	965942	37.883	ng		98
18) Hexachloroethane	8.899	117	500083	39.202	ng		96
19) n-Nitroso-di-n-propyla...	8.628	70	863147	37.623	ng		97
20) 3+4-Methylphenols	8.593	107	1285994	37.634	ng		99
22) Acetophenone	8.640	105	1707916	39.095	ng	#	98
24) Nitrobenzene	9.016	77	1286400	40.909	ng		97
25) Isophorone	9.546	82	2332820	42.033	ng		99
26) 2-Nitrophenol	9.722	139	638253	52.395	ng		96
27) 2,4-Dimethylphenol	9.793	122	1040187	38.824	ng		100
28) bis(2-Chloroethoxy)met...	10.028	93	1440896	39.672	ng		99
29) 2,4-Dichlorophenol	10.263	162	1081169	41.839	ng		99
30) 1,2,4-Trichlorobenzene	10.481	180	1237218	40.907	ng		100
31) Naphthalene	10.663	128	3510358	38.787	ng		100
32) Benzoic acid	9.946	122	713300	52.419	ng		96
33) 4-Chloroaniline	10.769	127	604850	16.345	ng		98
34) Hexachlorobutadiene	10.957	225	815701	44.287	ng		99
35) Caprolactam	11.557	113	298947	39.303	ng		97
36) 4-Chloro-3-methylphenol	11.904	107	1051375	38.976	ng		99
37) 2-Methylnaphthalene	12.275	142	2370953	36.872	ng		100
38) 1-Methylnaphthalene	12.499	142	2259879	38.161	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1324931	42.449	ng		99
41) Hexachlorocyclopentadiene	12.634	237	1877913	94.993	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	837074	44.665	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	884221	43.013	ng	98
46) 1,1'-Biphenyl	13.293	154	2986754	39.497	ng	99
47) 2-Chloronaphthalene	13.328	162	2321046	40.522	ng	99
48) 2-Nitroaniline	13.528	65	614138	46.632	ng	98
49) Acenaphthylene	14.175	152	3742592	42.289	ng	100
50) Dimethylphthalate	13.922	163	2747278	40.215	ng	100
51) 2,6-Dinitrotoluene	14.034	165	602425	44.655	ng	94
52) Acenaphthene	14.522	154	2500817m	44.090	ng	
53) 3-Nitroaniline	14.357	138	386043	26.939	ng	97
54) 2,4-Dinitrophenol	14.563	184	673231	116.547	ng	98
55) Dibenzofuran	14.857	168	3348510	38.972	ng	99
56) 4-Nitrophenol	14.675	139	1002807	84.147	ng	98
57) 2,4-Dinitrotoluene	14.822	165	799320	46.275	ng	96
58) Fluorene	15.510	166	2613436	38.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	749453	43.299	ng	95
60) Diethylphthalate	15.293	149	2706392	40.690	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1397516	40.776	ng	99
62) 4-Nitroaniline	15.522	138	585120	42.107	ng	99
63) Azobenzene	15.798	77	2513316	38.463	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	427076	55.475	ng	97
66) n-Nitrosodiphenylamine	15.722	169	2274458	41.398	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	877172	46.453	ng	95
68) Hexachlorobenzene	16.522	284	994222	44.889	ng	98
69) Atrazine	16.681	200	840612	43.465	ng	100
70) Pentachlorophenol	16.869	266	1218498	91.406	ng	98
71) Phenanthrene	17.257	178	3959620	39.365	ng	99
72) Anthracene	17.351	178	3976451	39.717	ng	99
73) Carbazole	17.622	167	3548343	38.895	ng	100
74) Di-n-butylphthalate	18.186	149	4546548	45.028	ng	99
75) Fluoranthene	19.233	202	4423355	38.099	ng	99
77) Benzidine	19.410	184	1710226	31.757	ng	99
78) Pyrene	19.586	202	4500300	43.201	ng	100
80) Butylbenzylphthalate	20.475	149	1912793	50.871	ng	96
81) Benzo(a)anthracene	21.310	228	4244310	40.586	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	1266663	32.996	ng	99
83) Chrysene	21.357	228	3954024	38.943	ng	100
84) Bis(2-ethylhexyl)phtha...	21.245	149	2775838	46.159	ng	100
85) Di-n-octyl phthalate	22.175	149	4664406	47.375	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	5218794	40.481	ng	97
88) Benzo(b)fluoranthene	22.998	252	4532733	40.459	ng	99
89) Benzo(k)fluoranthene	23.045	252	4104454	38.348	ng	98
90) Benzo(a)pyrene	23.621	252	4295703	40.427	ng	98
91) Dibenzo(a,h)anthracene	26.257	278	4584841	41.941	ng	97
92) Benzo(g,h,i)perylene	27.004	276	4530293	41.949	ng	97

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

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