Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011787.D
Acq On : 23 Sep 2022 17:35
Operator : CG/JU
Sample : N4780-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:36:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	427739	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1811080	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	971517	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1842661	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1580188	20.000	ng		0.00
86) Perylene-d12	23.851	264	1541974	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3108262	127.502	ng		0.00
7) Phenol-d6	7.081	99	4131793	114.627	ng		0.00
23) Nitrobenzene-d5	9.087	82	2452804	70.887	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	798234	122.023	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	4555240	74.148	ng		0.00
79) Terphenyl-d14	19.875	244	5310940	77.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	436090	42.546	ng		94
3) Pyridine	3.758	79	1267331	40.064	ng		95
4) n-Nitrosodimethylamine	3.670	42	570813	40.805	ng	#	89
6) Aniline	7.246	93	1911898	42.638	ng		99
8) 2-Chlorophenol	7.481	128	1526541	51.469	ng		97
9) Benzaldehyde	7.052	77	931015m	41.284	ng		
10) Phenol	7.111	94	2029657	49.988	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	1510593	47.000	ng		98
12) 1,3-Dichlorobenzene	7.805	146	1543855	49.536	ng		99
13) 1,4-Dichlorobenzene	7.952	146	1584886	49.626	ng		99
14) 1,2-Dichlorobenzene	8.269	146	1536183	49.167	ng		100
15) Benzyl Alcohol	8.163	79	1237443m	46.464	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2291924	43.172	ng		98
17) 2-Methylphenol	8.363	107	1276592	47.969	ng		99
18) Hexachloroethane	8.999	117	599856	49.059	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	1107705	41.801	ng		96
20) 3+4-Methylphenols	8.693	107	1713693	45.862	ng		98
22) Acetophenone	8.746	105	2225380	48.917	ng	#	99
24) Nitrobenzene	9.128	77	1684670	47.122	ng		98
25) Isophorone	9.657	82	3065725	47.227	ng		100
26) 2-Nitrophenol	9.840	139	721794	49.853	ng		96
27) 2,4-Dimethylphenol	9.899	122	1383538	60.347	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	1959175	51.789	ng		99
29) 2,4-Dichlorophenol	10.375	162	1298349	52.928	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	1265271	49.536	ng		99
31) Naphthalene	10.781	128	4469662	46.551	ng		100
32) Benzoic acid	10.057	122	890381	45.729	ng		98
33) 4-Chloroaniline	10.893	127	752447	18.797	ng		100
34) Hexachlorobutadiene	11.063	225	648308	50.323	ng		97
35) Caprolactam	11.698	113	433224m	43.455	ng		
36) 4-Chloro-3-methylphenol	12.016	107	1405968	47.225	ng		97
37) 2-Methylnaphthalene	12.387	142	3023711	45.601	ng		99
38) 1-Methylnaphthalene	12.604	142	2872916	43.998	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1273836	58.180	ng		99
41) Hexachlorocyclopentadiene	12.734	237	1624771	151.312	ng		99
43) 2,4,6-Trichlorophenol	12.993	196	891197	56.231	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	963046	52.867	ng	99
46) 1,1'-Biphenyl	13.398	154	3812361	54.010	ng	99
47) 2-Chloronaphthalene	13.440	162	2819538	51.498	ng	99
48) 2-Nitroaniline	13.645	65	944449	48.382	ng	97
49) Acenaphthylene	14.287	152	4538167	49.937	ng	100
50) Dimethylphthalate	14.022	163	3330404	46.754	ng	100
51) 2,6-Dinitrotoluene	14.140	165	733182	49.852	ng	99
52) Acenaphthene	14.628	154	2731017	48.999	ng	99
53) 3-Nitroaniline	14.469	138	666311	36.991	ng	99
54) 2,4-Dinitrophenol	14.675	184	775354	98.154	ng	96
55) Dibenzofuran	14.963	168	4123244	48.266	ng	99
56) 4-Nitrophenol	14.781	139	1495324	99.964	ng	96
57) 2,4-Dinitrotoluene	14.928	165	988386	45.391	ng	96
58) Fluorene	15.610	166	3379850	46.634	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	716992m	48.206	ng	
60) Diethylphthalate	15.387	149	3394599	45.640	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1501492	49.551	ng	99
62) 4-Nitroaniline	15.639	138	857615	41.083	ng	98
63) Azobenzene	15.904	77	3696250	45.385	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	440671	47.282	ng	95
66) n-Nitrosodiphenylamine	15.822	169	2814954	51.270	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	809557	53.573	ng	97
68) Hexachlorobenzene	16.616	284	836356	52.090	ng	98
69) Atrazine	16.781	200	894215	56.242	ng	99
70) Pentachlorophenol	16.963	266	1111504	95.334	ng	97
71) Phenanthrene	17.363	178	4987903	47.993	ng	100
72) Anthracene	17.451	178	5010850	50.410	ng	99
73) Carbazole	17.722	167	4789037	49.193	ng	99
74) Di-n-butylphthalate	18.275	149	5895740	50.277	ng	100
75) Fluoranthene	19.328	202	5385969	47.670	ng	99
77) Benzidine	19.504	184	4051205	132.097	ng	99
78) Pyrene	19.680	202	5491079	52.004	ng	100
80) Butylbenzylphthalate	20.551	149	2537603	49.330	ng	94
81) Benzo(a)anthracene	21.386	228	5075008	48.677	ng	100
82) 3,3'-Dichlorobenzidine	21.322	252	1310256	43.092	ng	99
83) Chrysene	21.445	228	4715332	47.731	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	3836047	50.693	ng	100
85) Di-n-octyl phthalate	22.251	149	6331108	52.550	ng	98
87) Indeno(1,2,3-cd)pyrene	26.415	276	5476494	45.389	ng	100
88) Benzo(b)fluoranthene	23.104	252	5054307	52.794	ng	100
89) Benzo(k)fluoranthene	23.157	252	4984020	50.807	ng	100
90) Benzo(a)pyrene	23.745	252	4453467	54.982	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	4769733	47.614	ng	99
92) Benzo(g,h,i)perylene	27.204	276	4565233	47.078	ng	99

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

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