Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092121\
Data File : BP007085.D
Acq On : 21 Sep 2021 19:03
Operator : CG/JU
Sample : PB139176BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139176BS

Manual Integrations APPROVED
mohammad
9/22/2021 4:42:43 PM

Quant Time: Sep 22 03:13:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	299451	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1258587	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	804381	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1627360	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1580093	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1622431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2319120	129.640	ng		0.00
7) Phenol-d6	7.069	99	2904987	118.814	ng		0.00
23) Nitrobenzene-d5	9.063	82	1653465	76.508	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1212109	116.232	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	4163918	74.161	ng		0.00
79) Terphenyl-d14	19.839	244	6307819	76.498	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	242525	33.525	ng	#	87
3) Pyridine	3.769	79	644936	32.579	ng	#	88
4) n-Nitrosodimethylamine	3.675	42	296163	43.640	ng	#	78
6) Aniline	7.228	93	1156199	42.901	ng		98
8) 2-Chlorophenol	7.463	128	870475	44.773	ng		97
9) Benzaldehyde	7.040	77	500908m	36.370	ng		
10) Phenol	7.099	94	1079489	45.794	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	794872	42.719	ng		96
12) 1,3-Dichlorobenzene	7.793	146	895760	40.846	ng		96
13) 1,4-Dichlorobenzene	7.940	146	918268	41.073	ng		98
14) 1,2-Dichlorobenzene	8.257	146	884146	40.810	ng		97
15) Benzyl Alcohol	8.146	79	704182	44.968	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	951129	44.642	ng		90
17) 2-Methylphenol	8.346	107	724651	45.601	ng		93
18) Hexachloroethane	8.981	117	316920	42.221	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	564683	42.464	ng		97
20) 3+4-Methylphenols	8.675	107	981784	44.682	ng		94
22) Acetophenone	8.728	105	1217672	40.153	ng	#	98
24) Nitrobenzene	9.104	77	857305	41.607	ng		98
25) Isophorone	9.640	82	1555914	41.287	ng		98
26) 2-Nitrophenol	9.816	139	442008	41.139	ng	#	89
27) 2,4-Dimethylphenol	9.881	122	811364	47.961	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	1053090	39.609	ng		99
29) 2,4-Dichlorophenol	10.352	162	839870	42.559	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	866956	38.563	ng		98
31) Naphthalene	10.751	128	2567985	39.979	ng		99
32) Benzoic acid	10.022	122	535208	41.163	ng		96
33) 4-Chloroaniline	10.863	127	788630	29.718	ng		99
34) Hexachlorobutadiene	11.040	225	508849	37.802	ng		99
35) Caprolactam	11.657	113	260391m	42.890	ng		
36) 4-Chloro-3-methylphenol	11.987	107	853354	42.542	ng		99
37) 2-Methylnaphthalene	12.363	142	1882641	41.858	ng		96
38) 1-Methylnaphthalene	12.581	142	1747286	39.759	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	970219	39.387	ng		99
41) Hexachlorocyclopentadiene	12.710	237	1274862	93.380	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	677235	40.292	ng		98

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44) 2,4,5-Trichlorophenol	13.034	196	738364	40.794	ng		97
46) 1,1'-Biphenyl	13.369	154	2304713	38.520	ng		99
47) 2-Chloronaphthalene	13.410	162	1844133	39.789	ng		98
48) 2-Nitroaniline	13.610	65	494694	43.779	ng		95
49) Acenaphthylene	14.257	152	2932176	41.076	ng		99
50) Dimethylphthalate	13.992	163	2301373	39.780	ng		100
51) 2,6-Dinitrotoluene	14.110	165	513580	43.458	ng		92
52) Acenaphthene	14.598	154	1736772	40.157	ng		99
53) 3-Nitroaniline	14.440	138	443926	34.742	ng		96
54) 2,4-Dinitrophenol	14.645	184	607027	89.170	ng		90
55) Dibenzofuran	14.928	168	2801204	38.820	ng		95
56) 4-Nitrophenol	14.745	139	943533	90.956	ng	#	80
57) 2,4-Dinitrotoluene	14.898	165	693636	44.479	ng		91
58) Fluorene	15.581	166	2251775	40.394	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	625601m	39.361	ng		
60) Diethylphthalate	15.357	149	2247910	40.099	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1153303	39.151	ng		91
62) 4-Nitroaniline	15.604	138	541400	42.130	ng	#	79
63) Azobenzene	15.869	77	1983233	40.825	ng		93
65) 4,6-Dinitro-2-methylph...	15.657	198	376687	38.572	ng		98
66) n-Nitrosodiphenylamine	15.787	169	1996627	41.235	ng		100
67) 4-Bromophenyl-phenylether	16.469	248	711775	39.907	ng		95
68) Hexachlorobenzene	16.586	284	805706	40.874	ng		97
69) Atrazine	16.745	200	724060	42.422	ng		97
70) Pentachlorophenol	16.928	266	1077657	88.033	ng		99
71) Phenanthrene	17.322	178	3575849	40.980	ng		99
72) Anthracene	17.416	178	3604366	42.226	ng		99
73) Carbazole	17.686	167	3306136	39.526	ng		98
74) Di-n-butylphthalate	18.239	149	3823535	41.248	ng		99
75) Fluoranthene	19.286	202	4135983	41.141	ng		97
77) Benzidine	19.469	184	2722104	56.058	ng		99
78) Pyrene	19.639	202	4252885	41.024	ng		98
80) Butylbenzylphthalate	20.516	149	1709236	41.170	ng		94
81) Benzo(a)anthracene	21.351	228	4107387	40.047	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1395710	39.625	ng		98
83) Chrysene	21.404	228	4007152	40.880	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2499971	41.884	ng		98
85) Di-n-octyl phthalate	22.204	149	4344502	42.752	ng		100
87) Indeno(1,2,3-cd)pyrene	26.309	276	5055045	43.355	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4269652	44.035	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	4283630	43.635	ng	#	98
90) Benzo(a)pyrene	23.674	252	4208340	51.087	ng	#	98
91) Dibenzo(a,h)anthracene	26.327	278	4337940	44.395	ng	#	96
92) Benzo(g,h,i)perylene	27.086	276	4256471	44.638	ng	#	95

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

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