Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007093.D
Acq On : 22 Sep 2021 11:56
Operator : CG/JU
Sample : PB139216BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139216BSD

Manual Integrations APPROVED
mohammad
9/23/2021 1:21:16 PM

Quant Time: Sep 22 13:13:44 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	7.899	152	305176	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1271885	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	807391	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1673304	20.000	ng	#	0.00
76) Chrysene-d12	21.369	240	1626209	20.000	ng	#	0.00
86) Perylene-d12	23.786	264	1599201	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2348785	128.835	ng		0.00
7) Phenol-d6	7.069	99	2928179	117.516	ng		0.00
23) Nitrobenzene-d5	9.063	82	1662791	76.135	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1260262	120.399	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	4218681	74.856	ng		0.00
79) Terphenyl-d14	19.839	244	6511159	76.725	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	240696	32.648	ng	#	87
3) Pyridine	3.770	79	630251	31.240	ng	#	87
4) n-Nitrosodimethylamine	3.675	42	296468	42.866	ng	#	80
6) Aniline	7.228	93	1149950	41.868	ng		99
8) 2-Chlorophenol	7.463	128	882054	44.517	ng		97
9) Benzaldehyde	7.040	77	499109m	35.559	ng		
10) Phenol	7.093	94	1088017	45.290	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	795514	41.951	ng		95
12) 1,3-Dichlorobenzene	7.787	146	912536	40.830	ng		96
13) 1,4-Dichlorobenzene	7.934	146	934764	41.026	ng		98
14) 1,2-Dichlorobenzene	8.252	146	902495	40.875	ng		98
15) Benzyl Alcohol	8.146	79	707367	44.324	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.434	45	944564	43.502	ng		90
17) 2-Methylphenol	8.346	107	727812	44.941	ng		94
18) Hexachloroethane	8.981	117	320711	41.924	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	567930	41.907	ng		98
20) 3+4-Methylphenols	8.675	107	988912	44.162	ng		94
22) Acetophenone	8.728	105	1224289	39.949	ng		99
24) Nitrobenzene	9.105	77	866592	41.618	ng		96
25) Isophorone	9.634	82	1560150	40.967	ng		99
26) 2-Nitrophenol	9.816	139	446163	41.091	ng	#	88
27) 2,4-Dimethylphenol	9.875	122	809876	47.372	ng		98
28) bis(2-Chloroethoxy)met...	10.116	93	1051298	39.128	ng		99
29) 2,4-Dichlorophenol	10.352	162	850241	42.634	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	883114	38.871	ng		97
31) Naphthalene	10.752	128	2581270	39.766	ng		99
32) Benzoic acid	10.022	122	523357	39.830	ng		95
33) 4-Chloroaniline	10.863	127	814545	30.373	ng		98
34) Hexachlorobutadiene	11.040	225	521602	38.344	ng		99
35) Caprolactam	11.657	113	266372m	43.417	ng		
36) 4-Chloro-3-methylphenol	11.987	107	861206	42.485	ng		98
37) 2-Methylnaphthalene	12.363	142	1896826	41.732	ng		96
38) 1-Methylnaphthalene	12.581	142	1763112	39.700	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	997803	40.356	ng		99
41) Hexachlorocyclopentadiene	12.710	237	1299446	94.826	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	692191	41.028	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	759136	41.785	ng		96
46) 1,1'-Biphenyl	13.369	154	2315517	38.557	ng		99
47) 2-Chloronaphthalene	13.410	162	1862060	40.026	ng		97
48) 2-Nitroaniline	13.610	65	499046	43.999	ng		96
49) Acenaphthylene	14.251	152	2971424	41.471	ng		100
50) Dimethylphthalate	13.993	163	2367456	40.769	ng		100
51) 2,6-Dinitrotoluene	14.110	165	525933	44.338	ng		91
52) Acenaphthene	14.598	154	1760980	40.565	ng		99
53) 3-Nitroaniline	14.440	138	451678	35.217	ng		97
54) 2,4-Dinitrophenol	14.645	184	643504	94.176	ng		91
55) Dibenzofuran	14.934	168	2856742	39.442	ng		95
56) 4-Nitrophenol	14.745	139	972448	93.394	ng	#	82
57) 2,4-Dinitrotoluene	14.898	165	723356	46.211	ng		90
58) Fluorene	15.581	166	2299868	41.103	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	655531m	41.091	ng		
60) Diethylphthalate	15.357	149	2326732	41.350	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1181452	39.957	ng		92
62) 4-Nitroaniline	15.604	138	564267	43.746	ng	#	78
63) Azobenzene	15.869	77	2031673	41.667	ng		93
65) 4,6-Dinitro-2-methylph...	15.657	198	394346	39.271	ng		95
66) n-Nitrosodiphenylamine	15.787	169	2059878	41.373	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	735202	40.089	ng		97
68) Hexachlorobenzene	16.587	284	831489	41.024	ng		97
69) Atrazine	16.745	200	761217	43.375	ng		97
70) Pentachlorophenol	16.934	266	1117510	88.782	ng		99
71) Phenanthrene	17.322	178	3666510	40.865	ng		99
72) Anthracene	17.416	178	3715728	42.335	ng		99
73) Carbazole	17.686	167	3398146	39.510	ng		98
74) Di-n-butylphthalate	18.239	149	3955456	41.499	ng		98
75) Fluoranthene	19.292	202	4277986	41.385	ng		97
77) Benzidine	19.469	184	2800385	56.035	ng		99
78) Pyrene	19.639	202	4416297	41.392	ng		99
80) Butylbenzylphthalate	20.516	149	1774606	41.533	ng		96
81) Benzo(a)anthracene	21.351	228	4245018	40.216	ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	1383504	38.164	ng		97
83) Chrysene	21.404	228	4120836	40.847	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2612855	42.534	ng		98
85) Di-n-octyl phthalate	22.204	149	4439585	42.449	ng		100
87) Indeno(1,2,3-cd)pyrene	26.315	276	4914653	42.763	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	4293164	44.921	ng	#	97
89) Benzo(k)fluoranthene	23.098	252	4268922	44.117	ng	#	98
90) Benzo(a)pyrene	23.680	252	4148417	51.092	ng	#	97
91) Dibenzo(a,h)anthracene	26.339	278	4191405	43.519	ng	#	96
92) Benzo(g,h,i)perylene	27.098	276	4086228	43.476	ng	#	93

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

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