Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007098.D
Acq On : 22 Sep 2021 14:54
Operator : CG/JU
Sample : PB139174BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139174BS

Manual Integrations APPROVED
mohammad
9/23/2021 1:21:24 PM

Quant Time: Sep 22 15:47:32 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	252057	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1026077	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	648405	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1332496	20.000	ng	#	0.00
76) Chrysene-d12	21.369	240	1341799	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1296597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2011535	133.589	ng		0.00
7) Phenol-d6	7.069	99	2498768	121.417	ng		0.00
23) Nitrobenzene-d5	9.063	82	1420994	80.650	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	990143	117.787	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3479699	76.883	ng		0.00
79) Terphenyl-d14	19.839	244	5467550	78.084	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	218514	35.885	ng	#	88
3) Pyridine	3.769	79	504218	30.260	ng	#	85
4) n-Nitrosodimethylamine	3.675	42	267202	46.776	ng	#	82
6) Aniline	7.228	93	962307	42.420	ng		98
8) 2-Chlorophenol	7.463	128	746620	45.623	ng		96
9) Benzaldehyde	7.040	77	408226m	35.214	ng		
10) Phenol	7.093	94	930131	46.878	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	689086	43.997	ng		96
12) 1,3-Dichlorobenzene	7.793	146	781730	42.349	ng		97
13) 1,4-Dichlorobenzene	7.940	146	797142	42.359	ng		98
14) 1,2-Dichlorobenzene	8.252	146	769623	42.203	ng		99
15) Benzyl Alcohol	8.146	79	594084	45.071	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	827320	46.132	ng		89
17) 2-Methylphenol	8.346	107	615651	46.027	ng		94
18) Hexachloroethane	8.981	117	275707	43.637	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	485926	43.412	ng		99
20) 3+4-Methylphenols	8.675	107	827566	44.745	ng		95
22) Acetophenone	8.728	105	1056120	42.717	ng		99
24) Nitrobenzene	9.104	77	746890	44.462	ng		98
25) Isophorone	9.634	82	1316437	42.848	ng		99
26) 2-Nitrophenol	9.816	139	367081	41.907	ng	#	90
27) 2,4-Dimethylphenol	9.875	122	679063	49.236	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	885915	40.872	ng		99
29) 2,4-Dichlorophenol	10.351	162	698183	43.396	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	740949	40.426	ng		98
31) Naphthalene	10.751	128	2186280	41.749	ng		99
32) Benzoic acid	10.010	122	427421	40.322	ng		95
33) 4-Chloroaniline	10.863	127	722297	33.386	ng		99
34) Hexachlorobutadiene	11.040	225	431012	39.275	ng		99
35) Caprolactam	11.657	113	213919	43.220	ng	#	73
36) 4-Chloro-3-methylphenol	11.981	107	710379	43.440	ng		99
37) 2-Methylnaphthalene	12.363	142	1585797	43.247	ng		95
38) 1-Methylnaphthalene	12.581	142	1464977	40.889	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	816249	41.107	ng		99
41) Hexachlorocyclopentadiene	12.710	237	977526	88.825	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	555284	40.984	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	614142	42.093	ng		97
46) 1,1'-Biphenyl	13.369	154	1929581	40.008	ng		99
47) 2-Chloronaphthalene	13.410	162	1548323	41.443	ng		98
48) 2-Nitroaniline	13.610	65	413418	45.387	ng		97
49) Acenaphthylene	14.251	152	2441894	42.437	ng		100
50) Dimethylphthalate	13.992	163	1942648	41.657	ng		100
51) 2,6-Dinitrotoluene	14.110	165	423799	44.488	ng		93
52) Acenaphthene	14.598	154	1457659	41.811	ng		99
53) 3-Nitroaniline	14.434	138	381442	37.033	ng		97
54) 2,4-Dinitrophenol	14.645	184	518947	94.569	ng		91
55) Dibenzofuran	14.928	168	2357719	40.534	ng		96
56) 4-Nitrophenol	14.745	139	808004	96.628	ng	#	82
57) 2,4-Dinitrotoluene	14.892	165	584119	46.466	ng		95
58) Fluorene	15.581	166	1890238	42.065	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	529156m	41.302	ng		
60) Diethylphthalate	15.357	149	1893405	41.900	ng		97
61) 4-Chlorophenyl-phenyle...	15.575	204	958432	40.362	ng		92
62) 4-Nitroaniline	15.598	138	451289	43.566	ng	#	80
63) Azobenzene	15.869	77	1682852	42.975	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	317807	39.744	ng		98
66) n-Nitrosodiphenylamine	15.786	169	1666210	42.026	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	586759	40.178	ng		96
68) Hexachlorobenzene	16.586	284	671335	41.594	ng		98
69) Atrazine	16.745	200	611050	43.724	ng		99
70) Pentachlorophenol	16.928	266	892428	89.034	ng		99
71) Phenanthrene	17.322	178	3052122	42.718	ng		100
72) Anthracene	17.416	178	3053603	43.690	ng		99
73) Carbazole	17.686	167	2819647	41.169	ng		98
74) Di-n-butylphthalate	18.239	149	3235945	42.634	ng		99
75) Fluoranthene	19.286	202	3542532	43.036	ng		97
77) Benzidine	19.469	184	1883102	45.667	ng		99
78) Pyrene	19.639	202	3684301	41.851	ng		99
80) Butylbenzylphthalate	20.516	149	1456490	41.313	ng		97
81) Benzo(a)anthracene	21.351	228	3572950	41.023	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1279650	42.782	ng	#	99
83) Chrysene	21.404	228	3480925	41.818	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2146795	42.355	ng		99
85) Di-n-octyl phthalate	22.204	149	3684499	42.697	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	4255448	45.669	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	3766329	48.606	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	3605521	45.957	ng	#	98
90) Benzo(a)pyrene	23.674	252	3588616	54.512	ng	#	97
91) Dibenzo(a,h)anthracene	26.333	278	3657759	46.841	ng	#	96
92) Benzo(g,h,i)perylene	27.092	276	3580162	46.981	ng	#	94

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

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