Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008726.D
Acq On : 07 Jan 2022 15:02
Operator : CG/JU
Sample : PB141730BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141730BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

Quant Time: Jan 07 16:29:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	307970	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1392350	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	1028192	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2321528	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2297964	20.000	ng		0.00
86) Perylene-d12	23.780	264	2689803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2514759	127.870	ng		0.00
7) Phenol-d6	7.046	99	3397635	128.693	ng		0.00
23) Nitrobenzene-d5	9.034	82	1981410	80.593	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1997058	115.126	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	5835980	79.798	ng		0.00
79) Terphenyl-d14	19.827	244	10509651	93.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	190643	25.702	ng		97
3) Pyridine	3.752	79	552561	31.670	ng		97
4) n-Nitrosodimethylamine	3.663	42	259790	33.416	ng		96
6) Aniline	7.198	93	640978	19.326	ng		98
8) 2-Chlorophenol	7.440	128	1028545	46.276	ng		99
9) Benzaldehyde	7.010	77	531558	29.749	ng		98
10) Phenol	7.075	94	1268569	46.956	ng		98
11) bis(2-Chloroethyl)ether	7.293	93	871220	41.605	ng		98
12) 1,3-Dichlorobenzene	7.763	146	969847	38.624	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1010812	39.392	ng		98
14) 1,2-Dichlorobenzene	8.228	146	987026	39.667	ng		100
15) Benzyl Alcohol	8.116	79	860385	43.869	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	983285	41.197	ng		99
17) 2-Methylphenol	8.322	107	870830	46.756	ng		98
18) Hexachloroethane	8.957	117	336431	38.979	ng		99
19) n-Nitroso-di-n-propyla...	8.687	70	684421	39.928	ng		98
20) 3+4-Methylphenols	8.651	107	1198728	46.386	ng		99
22) Acetophenone	8.698	105	1452437	39.535	ng	#	98
24) Nitrobenzene	9.075	77	1022832	41.097	ng		97
25) Isophorone	9.604	82	1908652	39.474	ng		98
26) 2-Nitrophenol	9.787	139	552413	42.562	ng		97
27) 2,4-Dimethylphenol	9.857	122	1003635	43.169	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	1247454	41.377	ng		100
29) 2,4-Dichlorophenol	10.328	162	1120357	44.954	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	1098729	40.467	ng		100
31) Naphthalene	10.728	128	3070623	40.788	ng		100
32) Benzoic acid	10.022	122	710824	45.731	ng		99
33) 4-Chloroaniline	10.834	127	511610	15.142	ng		100
34) Hexachlorobutadiene	11.022	225	641601	39.085	ng		100
35) Caprolactam	11.634	113	377797	42.658	ng		99
36) 4-Chloro-3-methylphenol	11.969	107	1132627	44.869	ng		99
37) 2-Methylnaphthalene	12.339	142	2426274	40.964	ng		98
38) 1-Methylnaphthalene	12.557	142	2265422	41.182	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	1382873	40.461	ng		99
41) Hexachlorocyclopentadiene	12.692	237	1507884	74.210	ng		100
43) 2,4,6-Trichlorophenol	12.945	196	986094	43.333	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1107180	44.262	ng	99
46) 1,1'-Biphenyl	13.345	154	3310406	41.303	ng	100
47) 2-Chloronaphthalene	13.386	162	2514196	40.870	ng	99
48) 2-Nitroaniline	13.586	65	665793	44.339	ng	97
49) Acenaphthylene	14.233	152	4043281	41.371	ng	100
50) Dimethylphthalate	13.975	163	3428101	41.955	ng	100
51) 2,6-Dinitrotoluene	14.086	165	766071	43.353	ng	96
52) Acenaphthene	14.575	154	2436596	41.626	ng	99
53) 3-Nitroaniline	14.410	138	346313	19.203	ng	97
54) 2,4-Dinitrophenol	14.622	184	853519	94.715	ng	97
55) Dibenzofuran	14.910	168	4032158	41.769	ng	99
56) 4-Nitrophenol	14.733	139	1386098	92.301	ng	97
57) 2,4-Dinitrotoluene	14.875	165	1090974	45.232	ng	93
58) Fluorene	15.563	166	3305792	42.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	981553m	43.667	ng	
60) Diethylphthalate	15.339	149	3403442	42.957	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1760072	42.216	ng	100
62) 4-Nitroaniline	15.580	138	765434	40.878	ng	93
63) Azobenzene	15.851	77	2799333	45.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.639	198	565143	43.876	ng	95
66) n-Nitrosodiphenylamine	15.769	169	2989678	42.494	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	1153093	41.980	ng	97
68) Hexachlorobenzene	16.574	284	1298735	40.638	ng	99
69) Atrazine	16.727	200	1153287	40.384	ng	99
70) Pentachlorophenol	16.916	266	1753846	87.909	ng	100
71) Phenanthrene	17.304	178	5495249	42.603	ng	100
72) Anthracene	17.398	178	5592858	42.458	ng	100
73) Carbazole	17.668	167	5206478	43.127	ng	99
74) Di-n-butylphthalate	18.221	149	6036187	43.670	ng	99
75) Fluoranthene	19.274	202	6756467	43.744	ng	98
77) Benzidine	19.451	184	1937147	19.701	ng	99
78) Pyrene	19.627	202	6971067	46.394	ng	99
80) Butylbenzylphthalate	20.504	149	2879105	46.863	ng	98
81) Benzo(a)anthracene	21.339	228	6272904	41.609	ng	98
82) 3,3'-Dichlorobenzidine	21.268	252	1520202	22.197	ng	99
83) Chrysene	21.392	228	6074583	41.770	ng	98
84) Bis(2-ethylhexyl)phtha...	21.268	149	3780419	42.146	ng	98
85) Di-n-octyl phthalate	22.198	149	6774186	42.550	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	9283740	43.194	ng	97
88) Benzo(b)fluoranthene	23.039	252	7273828	41.387	ng	99
89) Benzo(k)fluoranthene	23.092	252	7128263	43.338	ng	99
90) Benzo(a)pyrene	23.674	252	7189857	42.326	ng	99
91) Dibenzo(a,h)anthracene	26.339	278	7917849	43.599	ng	98
92) Benzo(g,h,i)perylene	27.097	276	7819698	43.378	ng	98

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

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