Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008687.D
Acq On : 05 Jan 2022 12:11
Operator : CG/JU
Sample : PB141796BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141796BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 03:00:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	543694	20.000	ng	-0.01
21) Naphthalene-d8	10.692	136	2154793	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1442311	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	2991476	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2523626	20.000	ng	0.00
86) Perylene-d12	23.780	264	2120413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	4041202	135.670	ng	0.00
7) Phenol-d6	7.069	99	4957380	119.568	ng	0.01
23) Nitrobenzene-d5	9.051	82	2960940	81.744	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	2886727	147.932	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	8147155	81.839	ng	0.00
79) Terphenyl-d14	19.827	244	11818446	95.619	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	381422	31.697	ng	100
3) Pyridine	3.769	79	934078	28.456	ng	99
4) n-Nitrosodimethylamine	3.675	42	464592	43.833	ng	97
6) Aniline	7.216	93	1106813	22.969	ng	99
8) 2-Chlorophenol	7.457	128	1642231	46.804	ng	99
9) Benzaldehyde	7.022	77	876671	37.151	ng	99
10) Phenol	7.093	94	1877234	44.850	ng	98
11) bis(2-Chloroethyl)ether	7.310	93	1377004	40.791	ng	100
12) 1,3-Dichlorobenzene	7.781	146	1716132	41.784	ng	99
13) 1,4-Dichlorobenzene	7.922	146	1757986	42.081	ng	100
14) 1,2-Dichlorobenzene	8.240	146	1700727	41.671	ng	99
15) Benzyl Alcohol	8.134	79	1284589	43.256	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1462328	38.068	ng	99
17) 2-Methylphenol	8.340	107	1292151	44.363	ng	99
18) Hexachloroethane	8.969	117	578582	42.480	ng	97
19) n-Nitroso-di-n-propyla...	8.704	70	1001400	37.822	ng	98
20) 3+4-Methylphenols	8.669	107	1741710	42.564	ng	100
22) Acetophenone	8.710	105	2187447	42.334	ng	100
24) Nitrobenzene	9.093	77	1516242	43.952	ng	98
25) Isophorone	9.622	82	2738444	40.470	ng	99
26) 2-Nitrophenol	9.804	139	887655	54.175	ng	99
27) 2,4-Dimethylphenol	9.869	122	1457860	49.309	ng	100
28) bis(2-Chloroethoxy)met...	10.104	93	1810340	38.643	ng	99
29) 2,4-Dichlorophenol	10.345	162	1651142	46.142	ng	99
30) 1,2,4-Trichlorobenzene	10.557	180	1775622	42.081	ng	100
31) Naphthalene	10.740	128	4693718	41.967	ng	100
32) Benzoic acid	10.045	122	1002772	53.698	ng	99
33) 4-Chloroaniline	10.851	127	492696	10.273	ng	98
34) Hexachlorobutadiene	11.034	225	1089590	42.535	ng	100
35) Caprolactam	11.657	113	491199	41.762	ng	94
36) 4-Chloro-3-methylphenol	11.986	107	1543640	43.156	ng	98
37) 2-Methylnaphthalene	12.351	142	3532537	41.962	ng	98
38) 1-Methylnaphthalene	12.569	142	3264653	39.664	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	2072545	45.612	ng	99
41) Hexachlorocyclopentadiene	12.704	237	2542971	105.244	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	1402676	47.446	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1522338	46.637	ng	99
46) 1,1'-Biphenyl	13.357	154	4633981	43.438	ng	99
47) 2-Chloronaphthalene	13.398	162	3572670	42.732	ng	99
48) 2-Nitroaniline	13.598	65	847825	46.259	ng	98
49) Acenaphthylene	14.245	152	5550266	43.218	ng	100
50) Dimethylphthalate	13.986	163	4522709	40.713	ng	100
51) 2,6-Dinitrotoluene	14.098	165	1033046	45.319	ng	96
52) Acenaphthene	14.586	154	3846976m	45.783	ng	
53) 3-Nitroaniline	14.422	138	415978	17.533	ng	98
54) 2,4-Dinitrophenol	14.633	184	1029423	101.392	ng	98
55) Dibenzofuran	14.922	168	5453134	40.482	ng	99
56) 4-Nitrophenol	14.745	139	1638942	87.726	ng	97
57) 2,4-Dinitrotoluene	14.886	165	1415011	46.523	ng	99
58) Fluorene	15.569	166	4295592	40.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1330474m	45.496	ng	
60) Diethylphthalate	15.351	149	4380969	40.345	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	2356607	40.301	ng	98
62) 4-Nitroaniline	15.592	138	954873	39.630	ng	98
63) Azobenzene	15.857	77	3453860	39.410	ng	98
65) 4,6-Dinitro-2-methylph...	15.651	198	707317	47.021	ng	99
66) n-Nitrosodiphenylamine	15.780	169	3929306	43.522	ng	100
67) 4-Bromophenyl-phenylether	16.463	248	1595043	48.729	ng	99
68) Hexachlorobenzene	16.580	284	1857892	46.238	ng	98
69) Atrazine	16.739	200	1454576	43.072	ng	98
70) Pentachlorophenol	16.927	266	2187672	99.962	ng	99
71) Phenanthrene	17.316	178	6863733	42.558	ng	99
72) Anthracene	17.410	178	6988799	44.473	ng	99
73) Carbazole	17.674	167	6142147	39.822	ng	100
74) Di-n-butylphthalate	18.233	149	7349973	43.556	ng	99
75) Fluoranthene	19.280	202	7880195	42.478	ng	98
77) Benzidine	19.457	184	1624978	21.432	ng	98
78) Pyrene	19.633	202	7913555	48.201	ng	99
80) Butylbenzylphthalate	20.504	149	3149236	48.092	ng	98
81) Benzo(a)anthracene	21.339	228	6909472	42.203	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	1685560	28.001	ng	98
83) Chrysene	21.398	228	6600726	43.117	ng	98
84) Bis(2-ethylhexyl)phtha...	21.268	149	4512405	45.617	ng	99
85) Di-n-octyl phthalate	22.204	149	7318137	47.795	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	6434933	45.179	ng	98
88) Benzo(b)fluoranthene	23.045	252	6411078	47.015	ng	99
89) Benzo(k)fluoranthene	23.092	252	5954346	43.924	ng	99
90) Benzo(a)pyrene	23.674	252	5754669	52.348	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	5525397	45.986	ng	99
92) Benzo(g,h,i)perylene	27.097	276	5388630	47.961	ng	98

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

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