Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005638.D
Acq On : 28 May 2021 14:14
Operator : CG/JU
Sample : PB136704BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 28 14:43:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136704BSD

Manual Integrations APPROVED
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6/1/2021 1:18:31 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	204644	20.00	ng		0.00
21) Naphthalene-d8	10.798	136	799227	20.00	ng	#	0.00
39) Acenaphthene-d10	14.610	164	467631	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	968415	20.00	ng	#	0.00
76) Chrysene-d12	21.421	240	1084145	20.00	ng	#	0.00
86) Perylene-d12	23.862	264	1157914	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1774908	134.84	ng		0.00
7) Phenol-d6	7.151	99	2162316	120.50	ng		0.00
23) Nitrobenzene-d5	9.151	82	1308464	91.05	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	808586	134.85	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	2963523	83.87	ng		0.00
79) Terphenyl-d14	19.898	244	4572201	79.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	203211	33.73	ng	#	86
3) Pyridine	3.822	79	537167	36.02	ng		89
4) n-Nitrosodimethylamine	3.734	42	281112	42.32	ng	#	27
6) Aniline	7.310	93	750236	35.77	ng		93
8) 2-Chlorophenol	7.551	128	625933	42.47	ng		93
9) Benzaldehyde	7.122	77	386460	49.74	ng		87
10) Phenol	7.175	94	791953	43.23	ng		100
11) bis(2-Chloroethyl)ether	7.410	93	589603	41.68	ng		97
12) 1,3-Dichlorobenzene	7.881	146	677743	40.51	ng		99
13) 1,4-Dichlorobenzene	8.028	146	690989	40.75	ng		97
14) 1,2-Dichlorobenzene	8.345	146	663659	40.93	ng		99
15) Benzyl Alcohol	8.228	79	541258	42.05	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.522	45	678773	41.92	ng		82
17) 2-Methylphenol	8.428	107	514109	43.11	ng		96
18) Hexachloroethane	9.075	117	252374	41.94	ng		86
19) n-Nitroso-di-n-propyla...	8.804	70	445353	39.02	ng		96
20) 3+4-Methylphenols	8.757	107	669005	42.11	ng		95
22) Acetophenone	8.816	105	905970	42.50	ng	#	97
24) Nitrobenzene	9.192	77	671189	42.05	ng		94
25) Isophorone	9.728	82	1151545	36.09	ng	#	97
26) 2-Nitrophenol	9.904	139	259070	42.93	ng	#	81
27) 2,4-Dimethylphenol	9.963	122	569319	46.49	ng		98
28) bis(2-Chloroethoxy)met...	10.204	93	740731	43.14	ng		98
29) 2,4-Dichlorophenol	10.439	162	562636	42.72	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	622143	39.88	ng		99
31) Naphthalene	10.845	128	1856083	39.00	ng		98
32) Benzoic acid	10.098	122	280426	42.22	ng		97
33) 4-Chloroaniline	10.951	127	389650	19.66	ng	#	91
34) Hexachlorobutadiene	11.139	225	384139	39.42	ng		98
35) Caprolactam	11.739	113	159065m	44.10	ng		
36) 4-Chloro-3-methylphenol	12.069	107	573446	41.36	ng		95
37) 2-Methylnaphthalene	12.451	142	1315760	39.02	ng	#	87
38) 1-Methylnaphthalene	12.669	142	1208426	37.77	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	691929	44.36	ng	#	95
41) Hexachlorocyclopentadiene	12.798	237	971127	111.82	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	426684	45.10	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	468770	45.82	ng	#	94
46) 1,1'-Biphenyl	13.451	154	1638878	43.16	ng		98
47) 2-Chloronaphthalene	13.492	162	1262089	40.89	ng		98
48) 2-Nitroaniline	13.692	65	331194	45.46	ng	#	79
49) Acenaphthylene	14.333	152	1998306	41.54	ng		100
50) Dimethylphthalate	14.069	163	1535192	41.27	ng		99
51) 2,6-Dinitrotoluene	14.180	165	320783	39.99	ng	#	70
52) Acenaphthene	14.674	154	1371548m	43.86	ng		
53) 3-Nitroaniline	14.510	138	209522	27.47	ng	#	85
54) 2,4-Dinitrophenol	14.716	184	310848	90.38	ng		93
55) Dibenzofuran	15.010	168	1885180	39.33	ng		97
56) 4-Nitrophenol	14.810	139	599892	86.16	ng	#	59
57) 2,4-Dinitrotoluene	14.969	165	445027	44.16	ng	#	65
58) Fluorene	15.657	166	1540627	40.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	402840m	45.51	ng		
60) Diethylphthalate	15.427	149	1525783	40.88	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	777394	40.57	ng		99
62) 4-Nitroaniline	15.669	138	346709	41.26	ng	#	46
63) Azobenzene	15.939	77	1544579	39.52	ng		95
65) 4,6-Dinitro-2-methylph...	15.727	198	197760	42.47	ng		86
66) n-Nitrosodiphenylamine	15.863	169	1338594	40.57	ng		93
67) 4-Bromophenyl-phenylether	16.545	248	448124	38.41	ng		98
68) Hexachlorobenzene	16.657	284	570218	41.05	ng	#	91
69) Atrazine	16.810	200	482584	51.17	ng		97
70) Pentachlorophenol	16.998	266	679568	97.54	ng		96
71) Phenanthrene	17.398	178	2414402	40.02	ng		100
72) Anthracene	17.486	178	2462730	41.34	ng		99
73) Carbazole	17.751	167	2265054	38.63	ng		100
74) Di-n-butylphthalate	18.304	149	2561122	40.79	ng	#	91
75) Fluoranthene	19.351	202	2872847	39.67	ng		96
77) Benzidine	19.521	184	1689502	82.06	ng		99
78) Pyrene	19.704	202	2984535	39.01	ng		99
80) Butylbenzylphthalate	20.568	149	1158253	38.34	ng	#	94
81) Benzo(a)anthracene	21.404	228	3072715	38.62	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	803862	31.28	ng	#	96
83) Chrysene	21.456	228	3000576	38.95	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	1780248	41.20	ng	#	96
85) Di-n-octyl phthalate	22.268	149	3026139	41.67	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.433	276	4181955	42.45	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	3317504	39.49	ng	#	97
89) Benzo(k)fluoranthene	23.168	252	3297582	41.42	ng	#	96
90) Benzo(a)pyrene	23.756	252	3252426	42.55	ng	#	96
91) Dibenzo(a,h)anthracene	26.450	278	3597381	42.08	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	3500511	42.45	ng	#	91

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

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