Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005686.D
Acq On : 03 Jun 2021 14:38
Operator : CG/JU
Sample : PB136774BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 15:14:26 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 :
PB136774BS

Manual Integrations APPROVED

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6/4/2021 9:34:31 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	207654	20.00	ng		0.00
21) Naphthalene-d8	10.792	136	811601	20.00	ng		0.00
39) Acenaphthene-d10	14.610	164	515852	20.00	ng		0.00
64) Phenanthrene-d10	17.357	188	1069366	20.00	ng	#	0.00
76) Chrysene-d12	21.427	240	1172703	20.00	ng	#	0.00
86) Perylene-d12	23.868	264	1333063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1677792	125.62	ng		0.00
7) Phenol-d6	7.151	99	2019102	110.89	ng		0.00
23) Nitrobenzene-d5	9.151	82	1238549	84.87	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	1162496	175.74	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	3052801	78.32	ng		0.00
79) Terphenyl-d14	19.898	244	4901901	78.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	182701	29.89	ng		92
3) Pyridine	3.816	79	457193	30.21	ng		91
4) n-Nitrosodimethylamine	3.722	42	249954	37.09	ng	#	28
6) Aniline	7.310	93	609804	28.65	ng		96
8) 2-Chlorophenol	7.546	128	655518	43.83	ng		96
9) Benzaldehyde	7.116	77	263496	33.42	ng		92
10) Phenol	7.175	94	760525	40.91	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	563053	39.23	ng		98
12) 1,3-Dichlorobenzene	7.875	146	694784	40.93	ng		99
13) 1,4-Dichlorobenzene	8.022	146	710981	41.33	ng		96
14) 1,2-Dichlorobenzene	8.340	146	680495	41.36	ng		98
15) Benzyl Alcohol	8.228	79	534999	40.96	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.516	45	594571	36.19	ng		85
17) 2-Methylphenol	8.428	107	513574	42.44	ng		96
18) Hexachloroethane	9.069	117	250970	41.11	ng		99
19) n-Nitroso-di-n-propyla...	8.798	70	428462	36.99	ng		97
20) 3+4-Methylphenols	8.757	107	688201	42.69	ng		94
22) Acetophenone	8.810	105	883314	40.80	ng	#	98
24) Nitrobenzene	9.193	77	648899	40.03	ng	#	89
25) Isophorone	9.722	82	1140517	35.20	ng		97
26) 2-Nitrophenol	9.904	139	327642	52.44	ng	#	76
27) 2,4-Dimethylphenol	9.963	122	575109	46.25	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	715623	41.04	ng		98
29) 2,4-Dichlorophenol	10.440	162	619432	46.31	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	674748	42.59	ng		99
31) Naphthalene	10.845	128	1861109	38.51	ng		98
32) Benzoic acid	10.128	122	353590	51.21	ng		100
33) 4-Chloroaniline	10.951	127	335581	16.67	ng	#	89
34) Hexachlorobutadiene	11.128	225	451200	45.60	ng		97
35) Caprolactam	11.745	113	181485m	49.55	ng		
36) 4-Chloro-3-methylphenol	12.075	107	594250	42.21	ng		94
37) 2-Methylnaphthalene	12.445	142	1351539	39.47	ng	#	87
38) 1-Methylnaphthalene	12.663	142	1243030	38.26	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.816	216	784312	45.58	ng		97
41) Hexachlorocyclopentadiene	12.792	237	996438	104.01	ng		98
43) 2,4,6-Trichlorophenol	13.051	196	514737	49.32	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	558695	49.50	ng	#	92
46) 1,1'-Biphenyl	13.451	154	1719605	41.05	ng		98
47) 2-Chloronaphthalene	13.492	162	1339779	39.35	ng		97
48) 2-Nitroaniline	13.692	65	350144	43.76	ng	#	73
49) Acenaphthylene	14.333	152	2117290	39.90	ng		99
50) Dimethylphthalate	14.069	163	1668313	40.66	ng		99
51) 2,6-Dinitrotoluene	14.186	165	363571	40.95	ng	#	60
52) Acenaphthene	14.675	154	1245273	36.10	ng		96
53) 3-Nitroaniline	14.510	138	226865	27.04	ng	#	78
54) 2,4-Dinitrophenol	14.728	184	359822	94.51	ng		88
55) Dibenzofuran	15.010	168	2026677	38.33	ng		95
56) 4-Nitrophenol	14.822	139	648495	84.51	ng	#	55
57) 2,4-Dinitrotoluene	14.975	165	498490	44.78	ng	#	60
58) Fluorene	15.657	166	1618536	38.28	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	497155	50.91	ng		93
60) Diethylphthalate	15.427	149	1657810	40.27	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	869100	41.12	ng		98
62) 4-Nitroaniline	15.675	138	368510	39.89	ng	#	45
63) Azobenzene	15.939	77	1467704	34.04	ng		93
65) 4,6-Dinitro-2-methylph...	15.739	198	249981	46.71	ng		97
66) n-Nitrosodiphenylamine	15.863	169	1421670	39.02	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	599456	46.53	ng		99
68) Hexachlorobenzene	16.663	284	734635	47.89	ng		98
69) Atrazine	16.816	200	555144	53.31	ng		96
70) Pentachlorophenol	17.004	266	832675	108.24	ng		94
71) Phenanthrene	17.398	178	2594032	38.94	ng		100
72) Anthracene	17.486	178	2642939	40.18	ng		100
73) Carbazole	17.757	167	2389867	36.91	ng		100
74) Di-n-butylphthalate	18.298	149	2846650	41.06	ng	#	91
75) Fluoranthene	19.357	202	3197700	39.98	ng		98
77) Benzidine	19.527	184	1348924	60.57	ng		99
78) Pyrene	19.704	202	3267740	39.49	ng		99
80) Butylbenzylphthalate	20.568	149	1317475	40.11	ng		89
81) Benzo(a)anthracene	21.410	228	3325876	38.64	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	926109	33.31	ng	#	97
83) Chrysene	21.462	228	3225250	38.70	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1945895	41.63	ng		97
85) Di-n-octyl phthalate	22.262	149	3422899	43.57	ng		98
87) Indeno(1,2,3-cd)pyrene	26.445	276	4723384	41.65	ng	#	94
88) Benzo(b)fluoranthene	23.121	252	3773586	39.01	ng	#	98
89) Benzo(k)fluoranthene	23.168	252	3580668	39.07	ng	#	97
90) Benzo(a)pyrene	23.762	252	3611311	41.04	ng	#	97
91) Dibenzo(a,h)anthracene	26.462	278	4020696	40.85	ng	#	95
92) Benzo(g,h,i)perylene	27.239	276	3989127	42.02	ng	#	95

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

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