Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002436.D
Acq On : 18 Jun 2020 09:28
Operator : CG/JU
Sample : PB129590BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 18 11:22:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : PB129590BS

Manual Integrations APPROVED
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6/19/2020 12:58:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	149136	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	615461	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	375275	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	777762	20.00	ng		0.00
76) Chrysene-d12	21.10	240	740189	20.00	ng		-0.01
86) Perylene-d12	23.29	264	846047	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1063117	131.91	ng		0.00
7) Phenol-d6	6.78	99	1406817	131.10	ng		0.00
23) Nitrobenzene-d5	8.73	82	909975	88.30	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	444918	123.83	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1843900	82.62	ng		0.00
79) Terphenyl-d14	19.58	244	2610250	93.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	144983	39.052	ng		100
3) Pyridine	3.53	79	411243	40.756	ng		98
4) n-Nitrosodimethylamine	3.45	42	191595	46.076	ng		100
6) Aniline	6.92	93	573126	39.273	ng		98
8) 2-Chlorophenol	7.16	128	437825	48.313	ng		97
9) Benzaldehyde	6.73	77	239441	43.167	ng		95
10) Phenol	6.80	94	584669	50.238	ng		98
11) bis(2-Chloroethyl)ether	7.02	93	442514	45.541	ng		99
12) 1,3-Dichlorobenzene	7.48	146	451890	43.305	ng		99
13) 1,4-Dichlorobenzene	7.62	146	457002	43.529	ng		98
14) 1,2-Dichlorobenzene	7.93	146	439548	43.705	ng		97
15) Benzyl Alcohol	7.83	79	383298	46.087	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	614958	44.605	ng		99
17) 2-Methylphenol	8.03	107	382073	44.928	ng		99
18) Hexachloroethane	8.66	117	171444	44.824	ng		100
19) n-Nitroso-di-n-propylamine	8.39	70	340359	47.453	ng		98
20) 3+4-Methylphenols	8.36	107	513005	44.698	ng		94
22) Acetophenone	8.40	105	630049	45.566	ng	#	97
24) Nitrobenzene	8.77	77	522069	47.125	ng		98
25) Isophorone	9.30	82	956473	45.568	ng		100
26) 2-Nitrophenol	9.48	139	230731	46.739	ng		97
27) 2,4-Dimethylphenol	9.56	122	392916	50.735	ng		100
28) bis(2-Chloroethoxy)methane	9.79	93	599520	47.953	ng		100
29) 2,4-Dichlorophenol	10.02	162	414235	47.517	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	425942	43.833	ng		99
31) Naphthalene	10.41	128	1309378	45.794	ng		100
32) Benzoic acid	9.70	122	212568	34.703	ng		99
33) 4-Chloroaniline	10.52	127	287122	23.002	ng		99
34) Hexachlorobutadiene	10.71	225	250651	44.201	ng		96
35) Caprolactam	11.28	113	139817m	45.473	ng		
36) 4-Chloro-3-methylphenol	11.66	107	460428	48.813	ng		99
37) 2-Methylnaphthalene	12.03	142	947227	46.674	ng		98
38) 1-Methylnaphthalene	12.25	142	897295	47.106	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	447327	45.219	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	535874	101.892 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	318283	45.462 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	346155	42.699 ng	98
46) 1,1'-Biphenyl	13.06	154	1155884	46.997 ng	99
47) 2-Chloronaphthalene	13.10	162	913861	45.425 ng	99
48) 2-Nitroaniline	13.30	65	303497	47.257 ng	97
49) Acenaphthylene	13.95	152	1473648	45.893 ng	100
50) Dimethylphthalate	13.70	163	1147188	44.614 ng	100
51) 2,6-Dinitrotoluene	13.81	165	254208	45.522 ng	97
52) Acenaphthene	14.30	154	863325	45.896 ng	98
53) 3-Nitroaniline	14.14	138	173841	27.263 ng	98
54) 2,4-Dinitrophenol	14.35	184	268892	81.625 ng	97
55) Dibenzofuran	14.64	168	1365692	45.094 ng	99
56) 4-Nitrophenol	14.47	139	453766	89.627 ng	98
57) 2,4-Dinitrotoluene	14.60	165	347632	45.734 ng	95
58) Fluorene	15.29	166	1028311	43.168 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	297626	46.249 ng	99
60) Diethylphthalate	15.08	149	1132267	43.946 ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	513124	44.121 ng	100
62) 4-Nitroaniline	15.31	138	259822	42.407 ng	97
63) Azobenzene	15.59	77	1227725	47.871 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	195582	47.654 ng	93
66) n-Nitrosodiphenylamine	15.51	169	958986	48.267 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	324815	44.086 ng	99
68) Hexachlorobenzene	16.30	284	363886	46.543 ng	98
69) Atrazine	16.47	200	310573	47.917 ng	96
70) Pentachlorophenol	16.65	266	447937	95.764 ng	98
71) Phenanthrene	17.03	178	1716931	47.192 ng	99
72) Anthracene	17.13	178	1768014	48.919 ng	98
73) Carbazole	17.40	167	1647038	46.324 ng	99
74) Di-n-butylphthalate	17.98	149	1911415	45.428 ng	100
75) Fluoranthene	19.02	202	2075063	47.782 ng	99
77) Benzidine	19.20	184	1037893	62.752 ng	100
78) Pyrene	19.37	202	2085700	46.002 ng	99
80) Butylbenzylphthalate	20.27	149	871791	43.255 ng	100
81) Benzo(a)anthracene	21.08	228	1969993	46.627 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	592065	37.707 ng	98
83) Chrysene	21.13	228	1889080	47.193 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1311833	44.746 ng	100
85) Di-n-octyl phthalate	21.90	149	2261131	43.972 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2577494	48.708 ng	100
88) Benzo(b)fluoranthene	22.64	252	2180287	47.787 ng	98
89) Benzo(k)fluoranthene	22.69	252	2055014	47.405 ng	98
90) Benzo(a)pyrene	23.20	252	1929608	45.130 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2112635	49.770 ng	99
92) Benzo(g,h,i)perylene	26.19	276	2126800	48.377 ng	97

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

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