Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001211.D
Acq On : 05 Dec 2019 14:59
Operator : JU
Sample : PB125231BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125231BS

Quant Time: Dec 06 06:04:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	43534	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	177861	20.00	ng		0.00
39) Acenaphthene-d10	13.21	164	102530	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	193956	20.00	ng		0.00
76) Chrysene-d12	19.25	240	166596	20.00	ng		0.00
87) Perylene-d12	21.02	264	135760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	362076	137.99	ng		0.00
7) Phenol-d6	7.76	99	469373	134.27	ng		0.00
23) Nitrobenzene-d5	9.19	82	265411	64.74	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	129983	132.26	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	455403	65.01	ng		0.00
79) Terphenyl-d14	17.89	244	565028	62.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	35075	28.618	ng		95
3) Pyridine	3.38	79	87230	25.648	ng		98
4) n-Nitrosodimethylamine	3.25	42	72130	49.011	ng		93
6) Aniline	7.79	93	145398	31.370	ng	#	89
8) 2-Chlorophenol	7.97	128	129849	47.829	ng		96
9) Benzaldehyde	7.60	77	31577	10.473	ng		99
10) Phenol	7.77	94	184206	46.325	ng		90
11) bis(2-Chloroethyl)ether	7.92	93	136603	44.117	ng		96
12) 1,3-Dichlorobenzene	8.22	146	131171	40.764	ng		98
13) 1,4-Dichlorobenzene	8.34	146	137233	42.336	ng		99
14) 1,2-Dichlorobenzene	8.57	146	129673	42.506	ng		97
15) Benzyl Alcohol	8.54	79	143275	49.928	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	209441	42.072	ng		99
17) 2-Methylphenol	8.73	107	114204	45.859	ng		98
18) Hexachloroethane	9.12	117	56259	41.955	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	112527	44.609	ng		100
20) 3+4-Methylphenols	8.97	107	149779	47.712	ng		96
22) Acetophenone	8.96	105	211525	40.463	ng	#	100
24) Nitrobenzene	9.22	77	173371	42.529	ng		99
25) Isophorone	9.62	82	305605	41.572	ng		99
26) 2-Nitrophenol	9.73	139	63222	42.341	ng		95
27) 2,4-Dimethylphenol	9.83	122	113365	47.931	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	173202	37.552	ng		100
29) 2,4-Dichlorophenol	10.12	162	113793	42.272	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	127043	40.407	ng		99
31) Naphthalene	10.38	128	372793	41.039	ng		98
32) Benzoic acid	9.97	122	64951	37.985	ng		96
33) 4-Chloroaniline	10.47	127	98893	25.087	ng		98
34) Hexachlorobutadiene	10.60	225	81725	41.320	ng		97
35) Caprolactam	11.02	113	36494	39.336	ng		97
36) 4-Chloro-3-methylphenol	11.28	107	136746	42.846	ng		99
37) 2-Methylnaphthalene	11.51	142	260687	42.057	ng		99
38) 1-Methylnaphthalene	11.67	142	242641	41.440	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	131647	40.743	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	86901	58.298 ng	99
43) 2,4,6-Trichlorophenol	11.98	196	86482	40.992 ng	97
44) 2,4,5-Trichlorophenol	12.03	196	90895	41.582 ng	97
46) 1,1'-Biphenyl	12.28	154	320917	40.500 ng	100
47) 2-Chloronaphthalene	12.30	162	247585	39.116 ng	100
48) 2-Nitroaniline	12.47	65	98055	39.528 ng	97
49) Acenaphthylene	12.97	152	391230	41.236 ng	100
50) Dimethylphthalate	12.80	163	306008	39.906 ng	99
51) 2,6-Dinitrotoluene	12.88	165	64249	39.140 ng	98
52) Acenaphthene	13.26	154	228897	40.108 ng	98
53) 3-Nitroaniline	13.14	138	55600	30.152 ng	94
54) 2,4-Dinitrophenol	13.32	184	40073	61.564 ng	86
55) Dibenzofuran	13.55	168	363315	42.365 ng	98
56) 4-Nitrophenol	13.43	139	108107	82.737 ng	97
57) 2,4-Dinitrotoluene	13.53	165	87866	42.704 ng	98
58) Fluorene	14.11	166	285422	41.535 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77461	43.109 ng	100
60) Diethylphthalate	13.97	149	314274	39.581 ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	144194	41.206 ng	99
62) 4-Nitroaniline	12.47	138	78153	36.556 ng	96
63) Azobenzene	14.39	77	346410	40.362 ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	31202	38.881 ng	90
66) n-Nitrosodiphenylamine	14.32	169	248696	42.200 ng	99
67) 4-Bromophenyl-phenylether	14.93	248	87184	41.404 ng	96
68) Hexachlorobenzene	15.01	284	94904	40.996 ng	95
69) Atrazine	15.21	200	85192	47.345 ng	98
70) Pentachlorophenol	15.32	266	105434	87.384 ng	97
71) Phenanthrene	15.64	178	430850	42.253 ng	100
72) Anthracene	15.72	178	437891	43.569 ng	99
73) Carbazole	15.96	167	399811	43.716 ng	99
74) Di-n-butylphthalate	16.52	149	506724	41.209 ng	100
75) Fluoranthene	17.35	202	483104	44.753 ng	100
77) Benzidine	17.54	184	83845	19.493 ng	99
78) Pyrene	17.66	202	497779	37.936 ng	99
80) Butylbenzylphthalate	18.54	149	219615	36.237 ng	95
81) Benzo(a)anthracene	19.24	228	456185	39.494 ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	148935	39.030 ng	99
83) Chrysene	19.28	228	431167	41.686 ng	100
84) Bis(2-ethylhexyl)phthalate	19.29	149	314436	37.736 ng	99
85) Di-n-octyl phthalate	20.07	149	538326	36.368 ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	480259	39.398 ng	100
88) Benzo(b)fluoranthene	20.53	252	428831	51.715 ng	99
89) Benzo(k)fluoranthene	20.57	252	430731	53.932 ng	97
90) Benzo(a)pyrene	20.95	252	386485	50.601 ng	99
91) Dibenzo(a,h)anthracene	22.69	278	406328	54.361 ng	98
92) Benzo(g,h,i)perylene	23.15	276	414280	56.130 ng	98

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

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