Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002770.D
Acq On : 16 Jul 2020 13:53
Operator : CG/JU
Sample : PB130239BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130239BS

Quant Time: Jul 16 14:33:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	171083	20.00	ng		0.01
21) Naphthalene-d8	10.33	136	619526	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	312296	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	565959	20.00	ng		0.00
76) Chrysene-d12	21.08	240	420748	20.00	ng		0.00
86) Perylene-d12	23.27	264	418116	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1094138	107.90	ng		0.00
7) Phenol-d6	6.76	99	1324277	91.51	ng		0.00
23) Nitrobenzene-d5	8.71	82	867555	74.90	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	316955	97.23	ng		0.01
45) 2-Fluorobiphenyl	12.83	172	1494343	74.02	ng		0.00
79) Terphenyl-d14	19.56	244	1450923	79.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	176797	39.991	ng		99
3) Pyridine	3.51	79	494671	37.547	ng		99
4) n-Nitrosodimethylamine	3.43	42	239579	48.271	ng		96
6) Aniline	6.89	93	666411	36.375	ng		98
8) 2-Chlorophenol	7.13	128	478841	42.443	ng		97
9) Benzaldehyde	6.70	77	145738	18.536	ng		98
10) Phenol	6.79	94	601162	40.552	ng		98
11) bis(2-Chloroethyl)ether	7.00	93	489489	39.698	ng		96
12) 1,3-Dichlorobenzene	7.45	146	524609	40.552	ng		98
13) 1,4-Dichlorobenzene	7.60	146	533512	41.093	ng		98
14) 1,2-Dichlorobenzene	7.91	146	506167	40.429	ng		99
15) Benzyl Alcohol	7.80	79	408931	42.226	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	695248	39.206	ng		99
17) 2-Methylphenol	8.02	107	392297	37.144	ng		98
18) Hexachloroethane	8.63	117	202513	44.039	ng		96
19) n-Nitroso-di-n-propylamine	8.37	70	338749	38.438	ng		99
20) 3+4-Methylphenols	8.35	107	504208	36.105	ng		97
22) Acetophenone	8.38	105	634525	41.546	ng	#	99
24) Nitrobenzene	8.75	77	550410	43.875	ng		99
25) Isophorone	9.28	82	959415	40.639	ng		100
26) 2-Nitrophenol	9.46	139	249798	46.102	ng		98
27) 2,4-Dimethylphenol	9.54	122	392742	44.647	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	610450	42.571	ng		99
29) 2,4-Dichlorophenol	10.00	162	408911	42.163	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	457403	41.176	ng		98
31) Naphthalene	10.38	128	1315809	40.229	ng		99
32) Benzoic acid	9.72	122	185178	30.269	ng		99
33) 4-Chloroaniline	10.50	127	309714	22.098	ng		98
34) Hexachlorobutadiene	10.68	225	270934	42.197	ng		99
35) Caprolactam	11.27	113	122605	36.156	ng		99
36) 4-Chloro-3-methylphenol	11.66	107	409552	39.177	ng		100
37) 2-Methylnaphthalene	12.01	142	889857	38.554	ng		99
38) 1-Methylnaphthalene	12.23	142	840637	38.507	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	439897	45.834	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	434138	100.063	ng	99
43) 2,4,6-Trichlorophenol	12.64	196	289342	47.099	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	294585	41.343	ng	98
46) 1,1'-Biphenyl	13.04	154	1033721	44.400	ng	99
47) 2-Chloronaphthalene	13.07	162	828481	43.811	ng	99
48) 2-Nitroaniline	13.29	65	265120	45.356	ng	94
49) Acenaphthylene	13.93	152	1263049	42.368	ng	99
50) Dimethylphthalate	13.68	163	941929	39.549	ng	99
51) 2,6-Dinitrotoluene	13.80	165	213174	41.808	ng	98
52) Acenaphthene	14.28	154	735585	41.287	ng	100
53) 3-Nitroaniline	14.13	138	148504	26.031	ng	98
54) 2,4-Dinitrophenol	14.35	184	185267	67.250	ng	94
55) Dibenzofuran	14.62	168	1144263	40.046	ng	98
56) 4-Nitrophenol	14.47	139	279399	62.292	ng	96
57) 2,4-Dinitrotoluene	14.60	165	270339	40.258	ng	93
58) Fluorene	15.27	166	845769	40.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	226941	40.406	ng	100
60) Diethylphthalate	15.06	149	876805	37.970	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	435544	38.769	ng	99
62) 4-Nitroaniline	15.30	138	199669	33.205	ng	94
63) Azobenzene	15.56	77	979109	41.237	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	137166	41.365	ng	98
66) n-Nitrosodiphenylamine	15.49	169	766694	45.859	ng	100
67) 4-Bromophenyl-phenylether	16.17	248	267481	43.387	ng	98
68) Hexachlorobenzene	16.29	284	290214	44.679	ng	97
69) Atrazine	16.45	200	229704	50.327	ng	97
70) Pentachlorophenol	16.64	266	253154	80.528	ng	99
71) Phenanthrene	17.02	178	1298287	42.368	ng	100
72) Anthracene	17.11	178	1315116	43.735	ng	99
73) Carbazole	17.38	167	1166132	39.519	ng	99
74) Di-n-butylphthalate	17.96	149	1425614	44.547	ng	100
75) Fluoranthene	19.00	202	1435692	40.434	ng	98
77) Benzidine	19.19	184	765530	73.404	ng	99
78) Pyrene	19.36	202	1411651	48.594	ng	99
80) Butylbenzylphthalate	20.25	149	590557	51.516	ng	98
81) Benzo(a)anthracene	21.07	228	1176341	43.190	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	377483	41.849	ng	99
83) Chrysene	21.12	228	1118142	43.128	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	773770	48.531	ng	98
85) Di-n-octyl phthalate	21.87	149	1337587	46.663	ng	100
87) Indeno(1,2,3-cd)pyrene	25.49	276	1456821	48.207	ng	99
88) Benzo(b)fluoranthene	22.62	252	1123060	43.257	ng	99
89) Benzo(k)fluoranthene	22.66	252	1162274	45.449	ng	99
90) Benzo(a)pyrene	23.18	252	1072169	43.579	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	1209409	49.624	ng	98
92) Benzo(g,h,i)perylene	26.16	276	1235007	49.980	ng	98

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

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