Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002687.D
Acq On : 09 Jul 2020 08:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 13:51:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	262370	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1006387	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	607470	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1290649	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1158970	20.00	ng		0.00
86) Perylene-d12	23.29	264	1239443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1199398	77.40	ng		0.00
7) Phenol-d6	6.78	99	1688709	78.08	ng		0.00
23) Nitrobenzene-d5	8.72	82	1505987	77.10	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	522194	70.68	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	2933154	71.07	ng		0.00
79) Terphenyl-d14	19.57	244	3734125	69.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	255921	38.533	ng		98
3) Pyridine	3.52	79	765580	38.893	ng		98
4) n-Nitrosodimethylamine	3.44	42	303507	36.323	ng		88
6) Aniline	6.90	93	1077101	39.641	ng		98
8) 2-Chlorophenol	7.15	128	664204	38.586	ng		98
9) Benzaldehyde	6.72	77	471539	42.396	ng		99
10) Phenol	6.80	94	872088	39.983	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	722409	40.354	ng		99
12) 1,3-Dichlorobenzene	7.46	146	757711	38.146	ng		98
13) 1,4-Dichlorobenzene	7.60	146	761441	37.627	ng		99
14) 1,2-Dichlorobenzene	7.92	146	726248	37.284	ng		99
15) Benzyl Alcohol	7.82	79	611369	37.618	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1021168	40.942	ng		99
17) 2-Methylphenol	8.03	107	625328	38.303	ng		97
18) Hexachloroethane	8.63	117	280657	38.427	ng		97
19) n-Nitroso-di-n-propylamine	8.37	70	510089	35.945	ng		98
20) 3+4-Methylphenols	8.36	107	829925	37.706	ng		97
22) Acetophenone	8.39	105	950039	37.297	ng	#	97
24) Nitrobenzene	8.76	77	812211	39.287	ng		99
25) Isophorone	9.28	82	1529949	39.082	ng		99
26) 2-Nitrophenol	9.46	139	379807	40.282	ng		97
27) 2,4-Dimethylphenol	9.55	122	576755	40.369	ng		95
28) bis(2-Chloroethoxy)methane	9.77	93	912243	40.567	ng		99
29) 2,4-Dichlorophenol	10.01	162	641714	38.973	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	712239	38.422	ng		99
31) Naphthalene	10.39	128	2027573	38.058	ng		99
32) Benzoic acid	9.73	122	391499	37.265	ng		98
33) 4-Chloroaniline	10.50	127	910729	39.081	ng		99
34) Hexachlorobutadiene	10.69	225	426824	37.618	ng		97
35) Caprolactam	11.29	113	222174	40.140	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	683397	37.868	ng		98
37) 2-Methylnaphthalene	12.02	142	1443751	37.167	ng		97
38) 1-Methylnaphthalene	12.24	142	1355285	37.045	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	736500	38.828	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	343661	37.188 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	507650	39.554 ng	100
44) 2,4,5-Trichlorophenol	12.73	196	575063	38.922 ng	98
46) 1,1'-Biphenyl	13.05	154	1729690	37.642 ng	99
47) 2-Chloronaphthalene	13.09	162	1416330	37.865 ng	96
48) 2-Nitroaniline	13.30	65	480074	40.231 ng	93
49) Acenaphthylene	13.94	152	2246207	38.157 ng	98
50) Dimethylphthalate	13.69	163	1769350	37.084 ng	100
51) 2,6-Dinitrotoluene	13.80	165	400668	38.883 ng	95
52) Acenaphthene	14.29	154	1310452	37.730 ng	98
53) 3-Nitroaniline	14.13	138	456349	40.673 ng	100
54) 2,4-Dinitrophenol	14.36	184	180619	32.015 ng	90
55) Dibenzofuran	14.63	168	2072052	36.813 ng	98
56) 4-Nitrophenol	14.49	139	326843	38.214 ng	91
57) 2,4-Dinitrotoluene	14.60	165	550462	39.711 ng	97
58) Fluorene	15.28	166	1504793	35.104 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	445591	37.334 ng	99
60) Diethylphthalate	15.07	149	1715791	36.165 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	802202	34.896 ng	95
62) 4-Nitroaniline	15.31	138	459084	40.938 ng	92
63) Azobenzene	15.57	77	1779074	38.781 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	303984	37.237 ng	97
66) n-Nitrosodiphenylamine	15.50	169	1465998	38.910 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	562820	38.805 ng	96
68) Hexachlorobenzene	16.30	284	569284	36.638 ng	98
69) Atrazine	16.46	200	439007	36.313 ng	98
70) Pentachlorophenol	16.65	266	360395	41.897 ng	95
71) Phenanthrene	17.02	178	2602248	37.474 ng	99
72) Anthracene	17.12	178	2628681	38.040 ng	99
73) Carbazole	17.39	167	2586069	38.723 ng	99
74) Di-n-butylphthalate	17.97	149	3004056	38.195 ng	99
75) Fluoranthene	19.01	202	3131965	37.261 ng	97
77) Benzidine	19.19	184	996811	26.617 ng	100
78) Pyrene	19.36	202	3213694	40.738 ng	100
80) Butylbenzylphthalate	20.26	149	1401959	40.707 ng	99
81) Benzo(a)anthracene	21.07	228	2938724	38.785 ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	1069096	38.540 ng	98
83) Chrysene	21.13	228	2723591	37.486 ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1843199	37.271 ng	97
85) Di-n-octyl phthalate	21.89	149	3463158	39.648 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	3560871	39.901 ng	97
88) Benzo(b)fluoranthene	22.63	252	3138641	39.685 ng	98
89) Benzo(k)fluoranthene	22.68	252	2916472	39.529 ng	96
90) Benzo(a)pyrene	23.20	252	2882382	39.715 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2851947	39.109 ng	99
92) Benzo(g,h,i)perylene	26.19	276	2991419	41.017 ng	98

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

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