Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002978.D
Acq On : 14 Aug 2020 10:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 14 14:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	350718	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1314428	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	758362	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1577510	20.00	ng	-0.01
76) Chrysene-d12	21.18	240	1508914	20.00	ng	0.00
86) Perylene-d12	23.43	264	1644702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1844189	80.48	ng	0.00
7) Phenol-d6	6.87	99	2359432	74.16	ng	-0.01
23) Nitrobenzene-d5	8.84	82	1786893	73.63	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	855974	90.81	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4647278	83.73	ng	-0.01
79) Terphenyl-d14	19.66	244	6262548	83.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	354554	36.044	ng	100
3) Pyridine	3.63	79	938557	34.247	ng	99
4) n-Nitrosodimethylamine	3.54	42	271206	33.689	ng	99
6) Aniline	7.02	93	1332007	36.087	ng	99
8) 2-Chlorophenol	7.26	128	1073139	43.922	ng	99
9) Benzaldehyde	6.83	77	581505	34.329	ng	99
10) Phenol	6.90	94	1172879	36.605	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	882975	35.828	ng	99
12) 1,3-Dichlorobenzene	7.58	146	1187498	43.062	ng	99
13) 1,4-Dichlorobenzene	7.73	146	1197368	42.956	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1130678	42.535	ng	98
15) Benzyl Alcohol	7.93	79	736128	35.068	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	758553	32.762	ng	100
17) 2-Methylphenol	8.13	107	806796	39.404	ng	98
18) Hexachloroethane	8.77	117	397407	40.875	ng	99
19) n-Nitroso-di-n-propylamine	8.50	70	581135	31.701	ng	98
20) 3+4-Methylphenols	8.46	107	1095312	39.692	ng	99
22) Acetophenone	8.50	105	1366683	36.852	ng	100
24) Nitrobenzene	8.88	77	932458	35.392	ng	99
25) Isophorone	9.40	82	1792569	34.382	ng	99
26) 2-Nitrophenol	9.59	139	543025	49.248	ng	98
27) 2,4-Dimethylphenol	9.66	122	868709	41.840	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1051139	36.137	ng	99
29) 2,4-Dichlorophenol	10.12	162	968666	44.329	ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	1028406	40.260	ng	100
31) Naphthalene	10.52	128	3209224	42.651	ng	100
32) Benzoic acid	9.80	122	602172	49.104	ng	98
33) 4-Chloroaniline	10.63	127	1338742	42.932	ng	100
34) Hexachlorobutadiene	10.82	225	598052	38.258	ng	98
35) Caprolactam	11.39	113	315378	46.645	ng	95
36) 4-Chloro-3-methylphenol	11.76	107	927402	40.828	ng	100
37) 2-Methylnaphthalene	12.14	142	2281693	42.630	ng	99
38) 1-Methylnaphthalene	12.36	142	2151158	42.696	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1044827	38.320	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	550754	38.937 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	725557	45.913 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	788858	45.505 ng	98
46) 1,1'-Biphenyl	13.16	154	2742002	43.737 ng	99
47) 2-Chloronaphthalene	13.20	162	2122077	43.226 ng	99
48) 2-Nitroaniline	13.40	65	454858	38.044 ng	98
49) Acenaphthylene	14.05	152	3431494	44.570 ng	99
50) Dimethylphthalate	13.79	163	2617046	44.122 ng	99
51) 2,6-Dinitrotoluene	13.90	165	613817	46.035 ng	99
52) Acenaphthene	14.40	154	2090799	42.252 ng	99
53) 3-Nitroaniline	14.23	138	667543	47.579 ng	98
54) 2,4-Dinitrophenol	14.43	184	269156	51.028 ng	98
55) Dibenzofuran	14.73	168	3245921	42.764 ng	99
56) 4-Nitrophenol	14.55	139	554951	52.763 ng	98
57) 2,4-Dinitrotoluene	14.69	165	830801	47.216 ng	99
58) Fluorene	15.38	166	2464970	41.478 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	659121	45.568 ng	100
60) Diethylphthalate	15.17	149	2630307	45.382 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1174459	38.399 ng	99
62) 4-Nitroaniline	15.40	138	663737	48.212 ng	98
63) Azobenzene	15.67	77	2026498	34.731 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	418247	50.471 ng	97
66) n-Nitrosodiphenylamine	15.60	169	2265691	43.366 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	775309	40.398 ng	99
68) Hexachlorobenzene	16.40	284	870674	39.222 ng	98
69) Atrazine	16.56	200	693964	39.206 ng	99
70) Pentachlorophenol	16.74	266	534581	46.440 ng	99
71) Phenanthrene	17.13	178	4015934	43.413 ng	99
72) Anthracene	17.22	178	3977663	43.995 ng	100
73) Carbazole	17.49	167	3977140	45.044 ng	99
74) Di-n-butylphthalate	18.06	149	4524992	48.718 ng	100
75) Fluoranthene	19.10	202	4650571	43.635 ng	99
77) Benzidine	19.28	184	1800713	39.136 ng	100
78) Pyrene	19.45	202	4761626	45.141 ng	99
80) Butylbenzylphthalate	20.34	149	2138608	49.788 ng	100
81) Benzo(a)anthracene	21.16	228	4474161	43.531 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1869669	45.959 ng	100
83) Chrysene	21.22	228	4252992	43.866 ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	3080020	52.759 ng	99
85) Di-n-octyl phthalate	21.99	149	5311853	55.388 ng	100
87) Indeno(1,2,3-cd)pyrene	25.73	276	5672042	43.062 ng	99
88) Benzo(b)fluoranthene	22.75	252	4961427	42.748 ng	100
89) Benzo(k)fluoranthene	22.80	252	4640678	42.303 ng	99
90) Benzo(a)pyrene	23.33	252	4574501	43.620 ng	99
91) Dibenzo(a,h)anthracene	25.74	278	4790877	42.735 ng	99
92) Benzo(g,h,i)perylene	26.43	276	4771213	44.012 ng	100

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

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