Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
Data File : BP002412.D
Acq On : 15 Jun 2020 18:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 15 19:04:00 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	140022	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	593518	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	363461	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	764635	20.00	ng	0.00
76) Chrysene-d12	21.10	240	740194	20.00	ng	-0.01
86) Perylene-d12	23.29	264	797631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	607153	80.24	ng	0.00
7) Phenol-d6	6.78	99	843398	83.71	ng	0.00
23) Nitrobenzene-d5	8.73	82	829374	83.45	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	272641	78.35	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1718053	79.48	ng	0.00
79) Terphenyl-d14	19.58	244	2486809	87.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	147942	42.443	ng	100
3) Pyridine	3.54	79	424468	44.804	ng	99
4) n-Nitrosodimethylamine	3.46	42	161571	41.385	ng	98
6) Aniline	6.92	93	575640	42.013	ng	98
8) 2-Chlorophenol	7.16	128	347095	40.795	ng	97
9) Benzaldehyde	6.73	77	215361	40.596	ng	98
10) Phenol	6.80	94	458411	41.953	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	382365	41.913	ng	100
12) 1,3-Dichlorobenzene	7.48	146	388936	39.698	ng	97
13) 1,4-Dichlorobenzene	7.62	146	390966	39.663	ng	99
14) 1,2-Dichlorobenzene	7.94	146	380927	40.342	ng	99
15) Benzyl Alcohol	7.83	79	319941	40.973	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	546149	42.192	ng	99
17) 2-Methylphenol	8.04	107	329486	41.266	ng	98
18) Hexachloroethane	8.66	117	144806	40.324	ng	93
19) n-Nitroso-di-n-propylamine	8.39	70	295238	43.842	ng	99
20) 3+4-Methylphenols	8.36	107	453987	42.131	ng	96
22) Acetophenone	8.40	105	559098	41.929	ng	99
24) Nitrobenzene	8.78	77	443374	41.501	ng	97
25) Isophorone	9.30	82	842166	41.606	ng	99
26) 2-Nitrophenol	9.48	139	188011	39.493	ng	97
27) 2,4-Dimethylphenol	9.56	122	300451	40.230	ng	97
28) bis(2-Chloroethoxy)methane	9.79	93	500556	41.517	ng	99
29) 2,4-Dichlorophenol	10.02	162	331521	39.434	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	364631	38.910	ng	98
31) Naphthalene	10.41	128	1109736	40.247	ng	100
32) Benzoic acid	9.69	122	201480	34.187	ng	99
33) 4-Chloroaniline	10.52	127	483551	40.171	ng	99
34) Hexachlorobutadiene	10.71	225	214084	39.148	ng	96
35) Caprolactam	11.28	113	115238	38.865	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	364268	40.046	ng	98
37) 2-Methylnaphthalene	12.03	142	790574	40.395	ng	99
38) 1-Methylnaphthalene	12.26	142	745003	40.557	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	380829	39.748	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	194944	38.272 ng	96
43) 2,4,6-Trichlorophenol	12.66	196	262210	38.670 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	305061	38.853 ng	99
46) 1,1'-Biphenyl	13.06	154	958302	40.230 ng	99
47) 2-Chloronaphthalene	13.10	162	775751	39.813 ng	99
48) 2-Nitroaniline	13.30	65	258067	41.489 ng	97
49) Acenaphthylene	13.95	152	1236832	39.770 ng	100
50) Dimethylphthalate	13.70	163	988559	39.694 ng	99
51) 2,6-Dinitrotoluene	13.81	165	214322	39.627 ng	93
52) Acenaphthene	14.30	154	737635	40.488 ng	99
53) 3-Nitroaniline	14.14	138	246533	39.919 ng	100
54) 2,4-Dinitrophenol	14.35	184	107703	35.391 ng	96
55) Dibenzofuran	14.64	168	1174846	40.053 ng	100
56) 4-Nitrophenol	14.46	139	189947	38.737 ng	99
57) 2,4-Dinitrotoluene	14.61	165	291726	39.626 ng	98
58) Fluorene	15.29	166	887450	38.465 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	242039	38.834 ng	99
60) Diethylphthalate	15.09	149	974248	39.042 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	465775	40.576 ng	98
62) 4-Nitroaniline	15.31	138	236750	39.898 ng	98
63) Azobenzene	15.59	77	1046876	42.146 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	159643	39.565 ng	90
66) n-Nitrosodiphenylamine	15.51	169	821478	42.056 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	291951	40.305 ng	97
68) Hexachlorobenzene	16.31	284	311082	40.472 ng	98
69) Atrazine	16.47	200	242561	38.066 ng	99
70) Pentachlorophenol	16.65	266	178930	38.910 ng	98
71) Phenanthrene	17.03	178	1488525	41.616 ng	99
72) Anthracene	17.13	178	1497963	42.158 ng	99
73) Carbazole	17.40	167	1453542	41.584 ng	99
74) Di-n-butylphthalate	17.99	149	1690442	40.866 ng	99
75) Fluoranthene	19.02	202	1749881	40.986 ng	99
77) Benzidine	19.20	184	624111	37.734 ng	99
78) Pyrene	19.37	202	1809470	39.910 ng	99
80) Butylbenzylphthalate	20.27	149	755690	37.495 ng	99
81) Benzo(a)anthracene	21.08	228	1716236	40.621 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	595441	37.922 ng	99
83) Chrysene	21.13	228	1629968	40.720 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1137519	38.800 ng	100
85) Di-n-octyl phthalate	21.90	149	1950386	37.929 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	1995092	39.990 ng	99
88) Benzo(b)fluoranthene	22.64	252	1766527	41.069 ng	100
89) Benzo(k)fluoranthene	22.69	252	1677212	41.038 ng	99
90) Benzo(a)pyrene	23.20	252	1620313	40.197 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	1637313	40.914 ng	98
92) Benzo(g,h,i)perylene	26.19	276	1615821	38.985 ng	97

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

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