Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002640.D
Acq On : 06 Jul 2020 10:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 06 11:28:50 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	202509	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	732107	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	398798	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	810959	20.00	ng	0.00
76) Chrysene-d12	21.10	240	801160	20.00	ng	0.00
86) Perylene-d12	23.29	264	876167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	963930	80.59	ng	0.00
7) Phenol-d6	6.77	99	1302863	78.04	ng	0.00
23) Nitrobenzene-d5	8.72	82	1142534	80.41	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	342831	70.68	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2081704	76.83	ng	0.00
79) Terphenyl-d14	19.57	244	2700030	72.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	220775	43.067	ng	98
3) Pyridine	3.53	79	624460	41.101	ng	100
4) n-Nitrosodimethylamine	3.45	42	255493	39.615	ng	89
6) Aniline	6.90	93	823440	39.264	ng	99
8) 2-Chlorophenol	7.15	128	508462	38.270	ng	95
9) Benzaldehyde	6.72	77	364706	42.513	ng	98
10) Phenol	6.79	94	671536	39.889	ng	97
11) bis(2-Chloroethyl)ether	7.01	93	562921	40.740	ng	98
12) 1,3-Dichlorobenzene	7.46	146	593566	38.716	ng	99
13) 1,4-Dichlorobenzene	7.60	146	595330	38.115	ng	99
14) 1,2-Dichlorobenzene	7.92	146	561528	37.349	ng	98
15) Benzyl Alcohol	7.82	79	460301	36.695	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	783341	40.690	ng	99
17) 2-Methylphenol	8.03	107	463332	36.769	ng	97
18) Hexachloroethane	8.64	117	221880	39.360	ng	94
19) n-Nitroso-di-n-propylamine	8.38	70	379132	34.614	ng	97
20) 3+4-Methylphenols	8.36	107	618662	36.416	ng	97
22) Acetophenone	8.39	105	712240	38.437	ng	99
24) Nitrobenzene	8.76	77	614467	40.857	ng	99
25) Isophorone	9.29	82	1082840	38.024	ng	99
26) 2-Nitrophenol	9.47	139	268593	39.159	ng	95
27) 2,4-Dimethylphenol	9.55	122	408622	39.316	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	660266	40.362	ng	99
29) 2,4-Dichlorophenol	10.01	162	450981	37.650	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	517040	38.341	ng	99
31) Naphthalene	10.40	128	1488840	38.416	ng	100
32) Benzoic acid	9.71	122	240417	32.813	ng	100
33) 4-Chloroaniline	10.51	127	631861	37.273	ng	99
34) Hexachlorobutadiene	10.69	225	314167	38.062	ng	96
35) Caprolactam	11.28	113	140994	35.017	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	461179	35.128	ng	99
37) 2-Methylnaphthalene	12.02	142	1011967	35.811	ng	97
38) 1-Methylnaphthalene	12.24	142	951134	35.739	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	509205	40.892	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	268124	43.370 ng		95
43) 2,4,6-Trichlorophenol	12.65	196	335182	39.781 ng		96
44) 2,4,5-Trichlorophenol	12.73	196	375675	38.732 ng		97
46) 1,1'-Biphenyl	13.05	154	1193820	39.575 ng		98
47) 2-Chloronaphthalene	13.09	162	967857	39.414 ng		97
48) 2-Nitroaniline	13.30	65	324278	41.394 ng		99
49) Acenaphthylene	13.94	152	1517811	39.274 ng		99
50) Dimethylphthalate	13.69	163	1157662	36.960 ng		100
51) 2,6-Dinitrotoluene	13.80	165	258663	38.237 ng		98
52) Acenaphthene	14.29	154	897299	39.353 ng		99
53) 3-Nitroaniline	14.13	138	292795	39.751 ng		97
54) 2,4-Dinitrophenol	14.35	184	129066	34.316 ng		94
55) Dibenzofuran	14.63	168	1407347	38.087 ng		99
56) 4-Nitrophenol	14.47	139	203447	36.359 ng		95
57) 2,4-Dinitrotoluene	14.60	165	344861	37.897 ng		98
58) Fluorene	15.28	166	1043828	37.092 ng		94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	288820	36.861 ng		99
60) Diethylphthalate	15.07	149	1125981	36.151 ng		100
61) 4-Chlorophenyl-phenylether	15.29	204	551598	36.550 ng		94
62) 4-Nitroaniline	15.30	138	287587	39.064 ng		92
63) Azobenzene	15.57	77	1223851	40.638 ng		96
65) 4,6-Dinitro-2-methylphenol	15.38	198	195607	38.070 ng		98
66) n-Nitrosodiphenylamine	15.50	169	943124	39.838 ng		100
67) 4-Bromophenyl-phenylether	16.18	248	364564	40.004 ng		97
68) Hexachlorobenzene	16.30	284	372957	38.201 ng		95
69) Atrazine	16.46	200	283666	37.343 ng		99
70) Pentachlorophenol	16.65	266	195866	36.598 ng		99
71) Phenanthrene	17.03	178	1711686	39.229 ng		99
72) Anthracene	17.12	178	1727893	39.795 ng		99
73) Carbazole	17.39	167	1666841	39.722 ng		99
74) Di-n-butylphthalate	17.97	149	1934614	39.147 ng		99
75) Fluoranthene	19.02	202	2052467	38.861 ng		98
77) Benzidine	19.20	184	930067	39.168 ng		99
78) Pyrene	19.36	202	2096975	38.454 ng		100
80) Butylbenzylphthalate	20.26	149	937422	39.375 ng		95
81) Benzo(a)anthracene	21.08	228	2032402	38.803 ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	759478	39.606 ng		95
83) Chrysene	21.13	228	1908091	37.991 ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1312603	38.396 ng		99
85) Di-n-octyl phthalate	21.89	149	2410510	39.922 ng		99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2674503	42.395 ng		98
88) Benzo(b)fluoranthene	22.64	252	2197155	39.300 ng		100
89) Benzo(k)fluoranthene	22.68	252	2149093	41.205 ng		97
90) Benzo(a)pyrene	23.20	252	2091970	40.776 ng	#	97
91) Dibenzo(a,h)anthracene	25.53	278	2169982	42.095 ng		98
92) Benzo(g,h,i)perylene	26.19	276	2196730	42.609 ng		99

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

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