Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
Data File : BP002405.D
Acq On : 15 Jun 2020 11:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 13:06:27 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	153201	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	635543	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	386447	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	813327	20.00	ng	0.00
76) Chrysene-d12	21.10	240	797888	20.00	ng	0.00
86) Perylene-d12	23.30	264	862191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	665074	80.33	ng	0.00
7) Phenol-d6	6.78	99	908632	82.43	ng	0.00
23) Nitrobenzene-d5	8.73	82	885995	83.25	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	302971	81.89	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1843013	80.19	ng	0.00
79) Terphenyl-d14	19.59	244	2628916	84.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	157699	41.350	ng	100
3) Pyridine	3.54	79	448957	43.313	ng	98
4) n-Nitrosodimethylamine	3.46	42	173656	40.654	ng	100
6) Aniline	6.92	93	623070	41.562	ng	98
8) 2-Chlorophenol	7.16	128	372998	40.068	ng	98
9) Benzaldehyde	6.73	77	232648	39.871	ng	96
10) Phenol	6.80	94	494742	41.383	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	413480	41.424	ng	99
12) 1,3-Dichlorobenzene	7.48	146	421955	39.363	ng	98
13) 1,4-Dichlorobenzene	7.63	146	422828	39.205	ng	96
14) 1,2-Dichlorobenzene	7.94	146	412146	39.893	ng	99
15) Benzyl Alcohol	7.83	79	348302	40.768	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	581521	41.060	ng	98
17) 2-Methylphenol	8.04	107	358274	41.012	ng	99
18) Hexachloroethane	8.66	117	155373	39.545	ng	96
19) n-Nitroso-di-n-propylamine	8.40	70	314599	42.698	ng	99
20) 3+4-Methylphenols	8.37	107	483728	41.029	ng	98
22) Acetophenone	8.40	105	596896	41.804	ng	98
24) Nitrobenzene	8.78	77	475785	41.590	ng	97
25) Isophorone	9.30	82	896773	41.374	ng	99
26) 2-Nitrophenol	9.49	139	204673	40.151	ng	99
27) 2,4-Dimethylphenol	9.56	122	322215	40.291	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	534777	41.423	ng	100
29) 2,4-Dichlorophenol	10.02	162	357727	39.738	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	392883	39.153	ng	99
31) Naphthalene	10.42	128	1191677	40.361	ng	99
32) Benzoic acid	9.70	122	237279	37.140	ng	96
33) 4-Chloroaniline	10.53	127	522497	40.536	ng	100
34) Hexachlorobutadiene	10.72	225	228734	39.061	ng	98
35) Caprolactam	11.28	113	126755	39.922	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	389637	40.002	ng	100
37) 2-Methylnaphthalene	12.04	142	842260	40.190	ng	99
38) 1-Methylnaphthalene	12.26	142	796707	40.504	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	404900	39.747	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	213153	39.358 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	283210	39.283 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	332559	39.836 ng	98
46) 1,1'-Biphenyl	13.07	154	1023388	40.407 ng	99
47) 2-Chloronaphthalene	13.10	162	835152	40.312 ng	99
48) 2-Nitroaniline	13.31	65	277042	41.891 ng	97
49) Acenaphthylene	13.96	152	1342982	40.615 ng	100
50) Dimethylphthalate	13.71	163	1060996	40.069 ng	100
51) 2,6-Dinitrotoluene	13.82	165	231939	40.333 ng	94
52) Acenaphthene	14.31	154	797791	41.186 ng	99
53) 3-Nitroaniline	14.15	138	264734	40.317 ng	100
54) 2,4-Dinitrophenol	14.36	184	116430	35.936 ng	97
55) Dibenzofuran	14.65	168	1271309	40.764 ng	100
56) 4-Nitrophenol	14.47	139	202718	38.883 ng	96
57) 2,4-Dinitrotoluene	14.62	165	314786	40.215 ng	98
58) Fluorene	15.30	166	953309	38.862 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	266254	40.178 ng	99
60) Diethylphthalate	15.09	149	1053404	39.703 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	497952	40.862 ng	97
62) 4-Nitroaniline	15.32	138	256417	40.642 ng	97
63) Azobenzene	15.60	77	1116081	42.260 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	174040	40.551 ng	97
66) n-Nitrosodiphenylamine	15.52	169	887080	42.695 ng	98
67) 4-Bromophenyl-phenylether	16.20	248	326344	42.356 ng	96
68) Hexachlorobenzene	16.32	284	316978	38.770 ng	89
69) Atrazine	16.48	200	265602	39.187 ng	99
70) Pentachlorophenol	16.66	266	195872	40.044 ng	97
71) Phenanthrene	17.05	178	1612376	42.380 ng	99
72) Anthracene	17.13	178	1583598	41.900 ng	100
73) Carbazole	17.41	167	1564719	42.085 ng	97
74) Di-n-butylphthalate	17.99	149	1819830	41.360 ng	99
75) Fluoranthene	19.03	202	1900342	41.845 ng	99
77) Benzidine	19.21	184	703847	39.478 ng	100
78) Pyrene	19.38	202	1967771	40.263 ng	100
80) Butylbenzylphthalate	20.27	149	824397	37.946 ng	99
81) Benzo(a)anthracene	21.09	228	1829659	40.174 ng	99
82) 3,3'-Dichlorobenzidine	21.03	252	659967	38.992 ng	97
83) Chrysene	21.14	228	1783037	41.323 ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1224815	38.757 ng	99
85) Di-n-octyl phthalate	21.92	149	2137433	38.561 ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	2162264	40.096 ng	99
88) Benzo(b)fluoranthene	22.65	252	1941503	41.757 ng	97
89) Benzo(k)fluoranthene	22.69	252	1733704	39.244 ng	98
90) Benzo(a)pyrene	23.22	252	1757559	40.337 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1771727	40.957 ng	99
92) Benzo(g,h,i)perylene	26.20	276	1749243	39.044 ng	99

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

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