Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002574.D
Acq On : 30 Jun 2020 14:27
Operator : CG/JU
Sample : PB129855BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129855BS

Quant Time: Jun 30 17:15:39 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	114972	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	473402	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	304122	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	666893	20.00	ng	0.00
76) Chrysene-d12	21.09	240	620593	20.00	ng	0.00
86) Perylene-d12	23.29	264	658943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	870589	128.21	ng	0.00
7) Phenol-d6	6.77	99	1135337	119.79	ng	0.00
23) Nitrobenzene-d5	8.72	82	744749	81.06	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	429137	116.01	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1648358	79.77	ng	0.00
79) Terphenyl-d14	19.57	244	2412933	83.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	109277	37.547	ng	99
3) Pyridine	3.52	79	307488	35.647	ng	99
4) n-Nitrosodimethylamine	3.44	42	154967	42.323	ng	98
6) Aniline	6.90	93	481929	40.476	ng	99
8) 2-Chlorophenol	7.15	128	343405	45.525	ng	99
9) Benzaldehyde	6.72	77	135054	25.076	ng	98
10) Phenol	6.79	94	443503	46.402	ng	100
11) bis(2-Chloroethyl)ether	7.00	93	320968	40.915	ng	98
12) 1,3-Dichlorobenzene	7.46	146	360539	41.421	ng	98
13) 1,4-Dichlorobenzene	7.60	146	368759	41.585	ng	99
14) 1,2-Dichlorobenzene	7.92	146	353897	41.460	ng	98
15) Benzyl Alcohol	7.82	79	305296	42.868	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	448690	41.052	ng	99
17) 2-Methylphenol	8.03	107	298094	41.668	ng	99
18) Hexachloroethane	8.64	117	134175	41.923	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	261944	42.123	ng	99
20) 3+4-Methylphenols	8.35	107	408521	42.355	ng	98
22) Acetophenone	8.39	105	498034	41.564	ng	98
24) Nitrobenzene	8.76	77	401632	41.299	ng	99
25) Isophorone	9.29	82	750428	40.751	ng	99
26) 2-Nitrophenol	9.47	139	193714	43.676	ng	100
27) 2,4-Dimethylphenol	9.55	122	316705	47.124	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	454128	42.931	ng	99
29) 2,4-Dichlorophenol	10.00	162	348622	45.010	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	360116	41.298	ng	97
31) Naphthalene	10.39	128	1037637	41.405	ng	100
32) Benzoic acid	9.70	122	151466	32.193	ng	98
33) 4-Chloroaniline	10.51	127	359219	32.770	ng	100
34) Hexachlorobutadiene	10.69	225	206259	38.645	ng	99
35) Caprolactam	11.27	113	117920	45.290	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	378570	44.594	ng	99
37) 2-Methylnaphthalene	12.02	142	765523	41.895	ng	99
38) 1-Methylnaphthalene	12.24	142	729038	42.363	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	387441	40.799	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	437870	87.874 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	280626	43.674 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	305530	41.306 ng	97
46) 1,1'-Biphenyl	13.05	154	971553	42.233 ng	99
47) 2-Chloronaphthalene	13.09	162	764031	40.800 ng	99
48) 2-Nitroaniline	13.29	65	259335	43.410 ng	98
49) Acenaphthylene	13.94	152	1231671	41.792 ng	99
50) Dimethylphthalate	13.69	163	1008399	42.217 ng	98
51) 2,6-Dinitrotoluene	13.80	165	226668	43.938 ng	99
52) Acenaphthene	14.29	154	722379	41.544 ng	99
53) 3-Nitroaniline	14.13	138	187338	33.351 ng	98
54) 2,4-Dinitrophenol	14.35	184	257458	80.055 ng	97
55) Dibenzofuran	14.63	168	1168356	41.463 ng	99
56) 4-Nitrophenol	14.47	139	373152	84.026 ng	98
57) 2,4-Dinitrotoluene	14.60	165	310014	44.673 ng	99
58) Fluorene	15.28	166	897788	41.834 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	269309	45.071 ng	99
60) Diethylphthalate	15.07	149	993659	41.835 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	454374	39.480 ng	99
62) 4-Nitroaniline	15.30	138	234748	41.813 ng	99
63) Azobenzene	15.57	77	992543	43.217 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	185341	43.452 ng	98
66) n-Nitrosodiphenylamine	15.50	169	836053	42.945 ng	98
67) 4-Bromophenyl-phenylether	16.18	248	303533	40.502 ng	96
68) Hexachlorobenzene	16.30	284	337008	41.976 ng	99
69) Atrazine	16.46	200	281780	45.108 ng	100
70) Pentachlorophenol	16.65	266	382154	83.180 ng	98
71) Phenanthrene	17.02	178	1527243	42.563 ng	99
72) Anthracene	17.12	178	1570715	43.990 ng	99
73) Carbazole	17.39	167	1447631	41.951 ng	99
74) Di-n-butylphthalate	17.97	149	1728912	42.543 ng	99
75) Fluoranthene	19.01	202	1867607	43.000 ng	99
77) Benzidine	19.19	184	1230732	Below Cal	99
78) Pyrene	19.36	202	1876576	44.425 ng	100
80) Butylbenzylphthalate	20.26	149	792521	42.975 ng	99
81) Benzo(a)anthracene	21.07	228	1731704	42.682 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	537384	36.178 ng	97
83) Chrysene	21.13	228	1644611	42.272 ng	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1121125	42.337 ng	99
85) Di-n-octyl phthalate	21.89	149	1964521	42.002 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2176106	45.866 ng	99
88) Benzo(b)fluoranthene	22.63	252	1918847	45.636 ng	100
89) Benzo(k)fluoranthene	22.67	252	1704964	43.466 ng	99
90) Benzo(a)pyrene	23.19	252	1685109	43.673 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1782685	45.982 ng	99
92) Benzo(g,h,i)perylene	26.17	276	1797623	46.362 ng	99

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

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