Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002587.D
Acq On : 01 Jul 2020 04:10
Operator : CG/JU
Sample : L2819-08MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-03-062620MS

Quant Time: Jul 01 07:28:10 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	7.58	152	3439	20.00 ng	0.00
21) Naphthalene-d8	10.34	136	35	20.00 ng	0.00
39) Acenaphthene-d10	14.34	164	225	20.00 ng	0.12
64) Phenanthrene-d10	17.12	188	35	20.00 ng	0.14
76) Chrysene-d12	21.29	240	71	20.00 ng	0.20
86) Perylene-d12	23.50	264	139	20.00 ng	0.21
System Monitoring Compounds					
5) 2-Fluorophenol	5.20	112	1228361	6047.55 ng	0.00
7) Phenol-d6	6.78	99	1534178	5411.58 ng	0.00
23) Nitrobenzene-d5	8.72	82	1210027	1781342.62 ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	692258	252959.71 ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2501996	163667.57 ng	0.00
79) Terphenyl-d14	19.57	244	3688088	1121222.95 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.15	88	146769	1685.932 ng #	61
3) Pyridine	3.53	79	422555	1637.727 ng	99
4) n-Nitrosodimethylamine	3.45	42	226042	2063.884 ng	97
6) Aniline	6.91	93	592184	1662.756 ng	99
8) 2-Chlorophenol	7.15	128	516570	2289.479 ng	99
9) Benzaldehyde	6.72	77	167786	Below Cal	98
10) Phenol	6.80	94	580912	2031.928 ng	99
11) bis(2-Chloroethyl)ether	7.01	93	499072	2126.893 ng	99
12) 1,3-Dichlorobenzene	7.46	146	528118	2028.430 ng	98
13) 1,4-Dichlorobenzene	7.60	146	543217	2047.969 ng	99
14) 1,2-Dichlorobenzene	7.92	146	519985	2036.595 ng	99
15) Benzyl Alcohol	7.82	79	485352	2278.398 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	682731	2088.326 ng	100
17) 2-Methylphenol	8.03	107	451817	2111.385 ng	99
18) Hexachloroethane	8.64	117	194503	2031.753 ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	400298	2152.053 ng	100
20) 3+4-Methylphenols	8.36	107	601444	2084.711 ng	99
22) Acetophenone	8.39	105	751888	848746.670 ng	99
24) Nitrobenzene	8.76	77	630127	876397.636 ng	100
25) Isophorone	9.29	82	1184393	869945.105 ng	100
26) 2-Nitrophenol	9.47	139	307102	936537.918 ng	99
27) 2,4-Dimethylphenol	9.55	122	477356	960711.519 ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	702674	898489.139 ng	99
29) 2,4-Dichlorophenol	10.01	162	546926	955088.174 ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	544917	845242.435 ng	99
31) Naphthalene	10.39	128	1608156	867953.531 ng	99
32) Benzoic acid	9.73	122	293281	615313.142 ng	97
33) 4-Chloroaniline	10.51	127	211737	261259.672 ng	99
34) Hexachlorobutadiene	10.69	225	320749	812840.586 ng	98
35) Caprolactam	11.29	113	73077	379631.449 ng	97
36) 4-Chloro-3-methylphenol	11.66	107	610551	972781.404 ng	98
37) 2-Methylnaphthalene	12.02	142	1195133	884663.369 ng	99
38) 1-Methylnaphthalene	12.24	142	1132330	889967.741 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	604227	86003.131 ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	458691	118223.980 ng	97
43) 2,4,6-Trichlorophenol	12.72	196	499957	105170.908 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	499957	91360.707 ng	99
46) 1,1'-Biphenyl	13.05	154	1485469	87279.542 ng	100
47) 2-Chloronaphthalene	13.09	162	1191373	85992.715 ng	98
48) 2-Nitroaniline	13.30	65	424872	96128.658 ng	96
49) Acenaphthylene	13.94	152	1916242	87884.627 ng	99
50) Dimethylphthalate	13.70	163	1862204	105376.347 ng	100
51) 2,6-Dinitrotoluene	13.80	165	363278	95182.298 ng	98
52) Acenaphthene	14.29	154	1134543	88192.900 ng	99
53) 3-Nitroaniline	14.13	138	229155	55141.633 ng	97
54) 2,4-Dinitrophenol	14.35	184	458732	178333.253 ng	99
55) Dibenzofuran	14.63	168	1794919	86097.736 ng	98
56) 4-Nitrophenol	14.47	139	544565	160943.689 ng	95
57) 2,4-Dinitrotoluene	14.60	165	493363	96093.606 ng	100
58) Fluorene	15.28	166	1323470	83355.728 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	434565	98303.497 ng	99
60) Diethylphthalate	15.07	149	1570245	89357.339 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	667563	78400.999 ng	98
62) 4-Nitroaniline	15.31	138	376218	90576.650 ng	98
63) Azobenzene	15.58	77	1551887	91333.794 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	320850	1343879.356 ng	98
66) n-Nitrosodiphenylamine	15.50	169	1289332	1261907.535 ng	99
67) 4-Bromophenyl-phenylether	16.18	248	473576	1204073.315 ng	98
68) Hexachlorobenzene	16.30	284	532325	1263355.487 ng	98
69) Atrazine	16.47	200	456529	1392505.500 ng	99
70) Pentachlorophenol	16.65	266	635634	2551816.346 ng	98
71) Phenanthrene	17.12	178	2446933	1299387.505 ng	99
72) Anthracene	17.12	178	2447014	1305821.717 ng	99
73) Carbazole	17.39	167	2264701	1250497.852 ng	99
74) Di-n-butylphthalate	17.97	149	2785956	1306210.139 ng	99
75) Fluoranthene	19.01	202	2957351	1297405.624 ng	100
77) Benzidine	19.19	184	1272869	Below Cal	100
78) Pyrene	19.36	202	2957153	611899.927 ng	99
80) Butylbenzylphthalate	20.26	149	1274926	604277.706 ng	100
81) Benzo(a)anthracene	21.13	228	2428380	523160.379 ng	96
82) 3,3'-Dichlorobenzidine	21.01	252	678614	399330.532 ng	97
83) Chrysene	21.13	228	2426792	545220.426 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1766105	582944.863 ng	100
85) Di-n-octyl phthalate	21.89	149	3081828	575927.515 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2529530	252744.602 ng	100
88) Benzo(b)fluoranthene	22.67	252	2366452	266808.408 ng	99
89) Benzo(k)fluoranthene	22.67	252	2363377	285628.295 ng	98
90) Benzo(a)pyrene	23.19	252	2178209	267618.354 ng	100
91) Dibenzo(a,h)anthracene	25.52	278	2079634	254293.272 ng	99
92) Benzo(g,h,i)perylene	26.17	276	2022188	247241.874 ng	100

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

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