Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003034.D
Acq On : 19 Aug 2020 12:36
Operator : CG/JU
Sample : PB131046BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131046BSD

Quant Time: Aug 19 14:34:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	321035	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1243253	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	608716	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1230373	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1295617	20.00	ng		0.00
86) Perylene-d12	23.42	264	1283203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2436288	116.15	ng		0.00
7) Phenol-d6	6.87	99	2819718	96.82	ng		0.00
23) Nitrobenzene-d5	8.83	82	1544818	67.30	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1006388	133.02	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	3721153	83.52	ng		0.00
79) Terphenyl-d14	19.65	244	5513688	85.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	272829	30.301	ng		99
3) Pyridine	3.62	79	693975	27.664	ng		99
4) n-Nitrosodimethylamine	3.53	42	218699	29.678	ng		95
6) Aniline	7.01	93	1025220	30.344	ng		100
8) 2-Chlorophenol	7.25	128	962426	43.033	ng		99
9) Benzaldehyde	6.82	77	207275	13.368	ng		99
10) Phenol	6.89	94	1000405	34.109	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	781365	34.636	ng		98
12) 1,3-Dichlorobenzene	7.58	146	1068393	42.325	ng		99
13) 1,4-Dichlorobenzene	7.72	146	1079912	42.324	ng		100
14) 1,2-Dichlorobenzene	8.03	146	1014371	41.688	ng		99
15) Benzyl Alcohol	7.92	79	599340	31.191	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	627701	29.617	ng		99
17) 2-Methylphenol	8.13	107	705699	37.653	ng		98
18) Hexachloroethane	8.76	117	358102	40.238	ng		95
19) n-Nitroso-di-n-propylamine	8.49	70	464305	27.670	ng		99
20) 3+4-Methylphenols	8.46	107	938871	37.169	ng		99
22) Acetophenone	8.50	105	1153006	32.870	ng	#	98
24) Nitrobenzene	8.87	77	773784	31.050	ng		100
25) Isophorone	9.40	82	1406890	28.530	ng		99
26) 2-Nitrophenol	9.58	139	492828	47.437	ng		98
27) 2,4-Dimethylphenol	9.65	122	762478	38.826	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	973671	35.391	ng		99
29) 2,4-Dichlorophenol	10.12	162	830977	40.205	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	951836	39.395	ng		99
31) Naphthalene	10.52	128	2789254	39.192	ng		99
32) Benzoic acid	9.80	122	478731	42.499	ng		98
33) 4-Chloroaniline	10.62	127	891157	30.215	ng		99
34) Hexachlorobutadiene	10.82	225	535740	36.234	ng		98
35) Caprolactam	11.38	113	238693	37.324	ng		96
36) 4-Chloro-3-methylphenol	11.76	107	783919	36.487	ng		99
37) 2-Methylnaphthalene	12.13	142	1937526	38.272	ng		100
38) 1-Methylnaphthalene	12.35	142	1632548	34.258	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	798596	36.490	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	947355	83.442 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	560320	44.174 ng	97
44) 2,4,5-Trichlorophenol	12.82	196	600636	43.165 ng	99
46) 1,1'-Biphenyl	13.16	154	2075425	41.243 ng	99
47) 2-Chloronaphthalene	13.19	162	1639065	41.595 ng	99
48) 2-Nitroaniline	13.39	65	331991	34.954 ng	98
49) Acenaphthylene	14.04	152	2556985	41.376 ng	100
50) Dimethylphthalate	13.79	163	2012150	42.264 ng	100
51) 2,6-Dinitrotoluene	13.90	165	448663	42.180 ng	98
52) Acenaphthene	14.39	154	1553425	39.110 ng	99
53) 3-Nitroaniline	14.22	138	407928	37.004 ng	99
54) 2,4-Dinitrophenol	14.43	184	441932	95.957 ng	97
55) Dibenzofuran	14.73	168	2396492	39.335 ng	98
56) 4-Nitrophenol	14.55	139	787267	93.252 ng	96
57) 2,4-Dinitrotoluene	14.69	165	608566	43.421 ng	98
58) Fluorene	15.37	166	1832292	38.412 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	516485	44.485 ng	99
60) Diethylphthalate	15.16	149	1999564	42.981 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	912710	37.177 ng	97
62) 4-Nitroaniline	15.39	138	468896	42.722 ng	96
63) Azobenzene	15.67	77	1421006	30.341 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	317990	49.373 ng	97
66) n-Nitrosodiphenylamine	15.59	169	1673181	41.061 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	597400	39.910 ng	98
68) Hexachlorobenzene	16.39	284	687204	39.692 ng	100
69) Atrazine	16.55	200	504750	36.562 ng	98
70) Pentachlorophenol	16.73	266	797886	88.870 ng	99
71) Phenanthrene	17.12	178	2958190	41.001 ng	98
72) Anthracene	17.21	178	3380454	47.939 ng	100
73) Carbazole	17.48	167	3178719	46.159 ng	99
74) Di-n-butylphthalate	18.05	149	3799152	52.444 ng	100
75) Fluoranthene	19.09	202	3827750	46.048 ng	100
77) Benzidine	19.27	184	1832349	46.379 ng	100
78) Pyrene	19.45	202	3851573	42.525 ng	99
80) Butylbenzylphthalate	20.33	149	1700885	46.342 ng	98
81) Benzo(a)anthracene	21.15	228	3586376	40.638 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1365356	39.088 ng	100
83) Chrysene	21.20	228	3417310	41.050 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2494643	49.767 ng	99
85) Di-n-octyl phthalate	21.97	149	3901072	47.374 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4627238	45.026 ng	98
88) Benzo(b)fluoranthene	22.74	252	3720765	41.089 ng	99
89) Benzo(k)fluoranthene	22.79	252	3430790	40.085 ng	98
90) Benzo(a)pyrene	23.32	252	3378649	41.293 ng	99
91) Dibenzo(a,h)anthracene	25.72	278	3853795	44.061 ng	99
92) Benzo(g,h,i)perylene	26.40	276	3917309	46.315 ng	98

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

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