Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003036.D
Acq On : 19 Aug 2020 15:02
Operator : CG/JU
Sample : PB131036BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131036BS

Quant Time: Aug 19 16:06:26 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	348581	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1341803	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	662423	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1534475	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1461372	20.00	ng		0.00
86) Perylene-d12	23.41	264	1582303	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2376317	104.34	ng		0.00
7) Phenol-d6	6.87	99	2749921	86.96	ng		0.00
23) Nitrobenzene-d5	8.83	82	1518334	61.29	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1004112	121.96	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	3945986	81.39	ng		0.00
79) Terphenyl-d14	19.65	244	5472951	74.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	277029	28.336	ng		99
3) Pyridine	3.62	79	711890	26.136	ng		99
4) n-Nitrosodimethylamine	3.53	42	226835	28.350	ng		96
6) Aniline	7.01	93	1050903	28.646	ng		100
8) 2-Chlorophenol	7.25	128	1000740	41.210	ng		100
9) Benzaldehyde	6.82	77	150838	8.959	ng		98
10) Phenol	6.89	94	1051043	33.003	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	799874	32.655	ng		98
12) 1,3-Dichlorobenzene	7.58	146	1100866	40.165	ng		100
13) 1,4-Dichlorobenzene	7.72	146	1117844	40.349	ng		99
14) 1,2-Dichlorobenzene	8.03	146	1041585	39.424	ng		99
15) Benzyl Alcohol	7.92	79	616738	29.560	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	651314	28.303	ng		99
17) 2-Methylphenol	8.13	107	749206	36.815	ng		99
18) Hexachloroethane	8.76	117	368121	38.095	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	490765	26.936	ng		99
20) 3+4-Methylphenols	8.46	107	988581	36.044	ng		99
22) Acetophenone	8.50	105	1216660	32.137	ng	#	97
24) Nitrobenzene	8.87	77	800156	29.750	ng		100
25) Isophorone	9.40	82	1497887	28.144	ng		100
26) 2-Nitrophenol	9.58	139	506061	45.353	ng		100
27) 2,4-Dimethylphenol	9.65	122	801356	37.809	ng		100
28) bis(2-Chloroethoxy)methane	9.88	93	1020306	34.362	ng		99
29) 2,4-Dichlorophenol	10.12	162	885762	39.708	ng		98
30) 1,2,4-Trichlorobenzene	10.33	180	937743	35.962	ng		100
31) Naphthalene	10.52	128	2930723	38.155	ng		100
32) Benzoic acid	9.80	122	494248	40.987	ng		96
33) 4-Chloroaniline	10.62	127	885737	27.825	ng		99
34) Hexachlorobutadiene	10.82	225	552433	34.619	ng		100
35) Caprolactam	11.38	113	269387	39.030	ng		96
36) 4-Chloro-3-methylphenol	11.76	107	843699	36.385	ng		100
37) 2-Methylnaphthalene	12.13	142	2056441	37.638	ng		100
38) 1-Methylnaphthalene	12.35	142	1963742	38.181	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	933479	39.195	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1099301	88.974 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	679737	49.244 ng	98
44) 2,4,5-Trichlorophenol	12.82	196	717775	47.401 ng	99
46) 1,1'-Biphenyl	13.15	154	2177642	39.766 ng	100
47) 2-Chloronaphthalene	13.19	162	1717745	40.058 ng	100
48) 2-Nitroaniline	13.39	65	350265	34.009 ng	95
49) Acenaphthylene	14.04	152	2725202	40.523 ng	99
50) Dimethylphthalate	13.79	163	2144276	41.387 ng	100
51) 2,6-Dinitrotoluene	13.89	165	482538	41.720 ng	98
52) Acenaphthene	14.39	154	1628270	37.671 ng	98
53) 3-Nitroaniline	14.22	138	422081	35.345 ng	99
54) 2,4-Dinitrophenol	14.43	184	481020	95.975 ng	97
55) Dibenzofuran	14.73	168	2546112	38.403 ng	99
56) 4-Nitrophenol	14.55	139	848003	92.303 ng	96
57) 2,4-Dinitrotoluene	14.69	165	656569	43.081 ng	98
58) Fluorene	15.37	166	1942650	37.423 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	552827	43.755 ng	99
60) Diethylphthalate	15.16	149	2130464	42.082 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	968326	36.245 ng	98
62) 4-Nitroaniline	15.39	138	500106	41.920 ng	96
63) Azobenzene	15.67	77	1512962	29.685 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	343800	43.720 ng	97
66) n-Nitrosodiphenylamine	15.59	169	1800541	35.430 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	715286	38.315 ng	100
68) Hexachlorobenzene	16.39	284	814598	37.726 ng	99
69) Atrazine	16.55	200	609015	35.372 ng	100
70) Pentachlorophenol	16.73	266	955888	85.369 ng	99
71) Phenanthrene	17.12	178	3559027	39.553 ng	100
72) Anthracene	17.21	178	3568333	40.575 ng	100
73) Carbazole	17.48	167	3426821	39.900 ng	99
74) Di-n-butylphthalate	18.05	149	4030723	44.614 ng	100
75) Fluoranthene	19.09	202	4058613	39.149 ng	99
77) Benzidine	19.27	184	1868616	41.933 ng	100
78) Pyrene	19.45	202	4233060	41.435 ng	99
80) Butylbenzylphthalate	20.33	149	1844029	44.662 ng	98
81) Benzo(a)anthracene	21.15	228	3985636	40.040 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1473451	37.398 ng	99
83) Chrysene	21.20	228	3794431	40.410 ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2705253	47.847 ng	100
85) Di-n-octyl phthalate	21.97	149	4772982	51.388 ng	99
87) Indeno(1,2,3-cd)pyrene	25.71	276	5016472	39.587 ng	98
88) Benzo(b)fluoranthene	22.74	252	4672380	41.845 ng	99
89) Benzo(k)fluoranthene	22.79	252	4297890	40.724 ng	98
90) Benzo(a)pyrene	23.32	252	4252108	42.144 ng	99
91) Dibenzo(a,h)anthracene	25.72	278	4160772	38.578 ng	98
92) Benzo(g,h,i)perylene	26.40	276	4215251	40.417 ng	99

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

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