Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002219.D
Acq On : 18 Mar 2020 17:00
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC050

Quant Time: Mar 18 18:18:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 17:54:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	137681	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	566894	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	329503	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	698283	20.00	ng	0.00
76) Chrysene-d12	21.15	240	668846	20.00	ng	0.00
87) Perylene-d12	23.36	264	700794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	769224	99.41	ng	0.00
7) Phenol-d6	6.84	99	986263	97.73	ng	0.00
23) Nitrobenzene-d5	8.80	82	867022	93.49	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	393762	116.68	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2235205	98.55	ng	0.00
79) Terphenyl-d14	19.63	244	3004656	91.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	150739	47.405	ng	99
3) Pyridine	3.63	79	436988	48.126	ng	98
4) n-Nitrosodimethylamine	3.54	42	111017	32.066	ng	95
6) Aniline	6.99	93	618207	49.816	ng	99
8) 2-Chlorophenol	7.23	128	460486	54.274	ng	98
9) Benzaldehyde	6.80	77	300749	54.979	ng	99
10) Phenol	6.86	94	508820	49.479	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	432759	52.406	ng	99
12) 1,3-Dichlorobenzene	7.55	146	526150	50.873	ng	96
13) 1,4-Dichlorobenzene	7.69	146	530878	51.086	ng	98
14) 1,2-Dichlorobenzene	8.01	146	512804	51.893	ng	99
15) Benzyl Alcohol	7.89	79	297310	43.496	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	337663	32.740	ng	98
17) 2-Methylphenol	8.10	107	396419	57.909	ng	99
18) Hexachloroethane	8.73	117	188228	52.037	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	252091	41.086	ng	99
20) 3+4-Methylphenols	8.43	107	538182	58.942	ng	98
22) Acetophenone	8.47	105	625406	45.042	ng	98
24) Nitrobenzene	8.85	77	453561	47.994	ng	99
25) Isophorone	9.37	82	898109	51.810	ng	100
26) 2-Nitrophenol	9.55	139	200115	61.593	ng	99
27) 2,4-Dimethylphenol	9.62	122	386893	56.224	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	544683	46.212	ng	99
29) 2,4-Dichlorophenol	10.08	162	433925	54.076	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	478323	48.592	ng	99
31) Naphthalene	10.48	128	1511849	52.293	ng	99
32) Benzoic acid	9.76	122	199147	59.863	ng	92
33) 4-Chloroaniline	10.59	127	632507	51.247	ng	99
34) Hexachlorobutadiene	10.79	225	277573	47.449	ng	99
35) Caprolactam	11.35	113	97287	39.937	ng	95
36) 4-Chloro-3-methylphenol	11.72	107	429666	52.497	ng	99
37) 2-Methylnaphthalene	12.10	142	1056047	52.171	ng	98
38) 1-Methylnaphthalene	12.32	142	993532	51.808	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	495564	47.273	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	248871	54.980 ng	96
43) 2,4,6-Trichlorophenol	12.72	196	332110	56.010 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	386341	61.745 ng	99
46) 1,1'-Biphenyl	13.13	154	1340553	52.209 ng	100
47) 2-Chloronaphthalene	13.16	162	1043969	51.596 ng	98
48) 2-Nitroaniline	13.36	65	155727	33.834 ng	99
49) Acenaphthylene	14.02	152	1691097	55.420 ng	99
50) Dimethylphthalate	13.77	163	1265002	52.006 ng	100
51) 2,6-Dinitrotoluene	13.87	165	249531	53.504 ng	99
52) Acenaphthene	14.36	154	1042010	53.310 ng	99
53) 3-Nitroaniline	14.19	138	283723	51.655 ng	95
54) 2,4-Dinitrophenol	14.40	184	115454	89.743 ng	98
55) Dibenzofuran	14.70	168	1555166	53.799 ng	99
56) 4-Nitrophenol	14.50	139	245902	62.029 ng	99
57) 2,4-Dinitrotoluene	14.66	165	333832	54.983 ng	99
58) Fluorene	15.35	166	1111124	47.880 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	317908	58.400 ng	99
60) Diethylphthalate	15.15	149	1193414	49.058 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	555540	47.108 ng	98
62) 4-Nitroaniline	15.36	138	248910	42.984 ng	94
63) Azobenzene	15.65	77	1131730	50.792 ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	149109	74.678 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1040081	50.015 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	385447	50.989 ng	98
68) Hexachlorobenzene	16.36	284	425024	49.270 ng	95
69) Atrazine	16.53	200	277830	44.502 ng	98
70) Pentachlorophenol	16.70	266	265139	66.225 ng	99
71) Phenanthrene	17.09	178	1960098	52.114 ng	100
72) Anthracene	17.18	178	1959629	53.840 ng	99
73) Carbazole	17.45	167	1903137	54.881 ng	99
74) Di-n-butylphthalate	18.05	149	1140909	28.169 ng	99
75) Fluoranthene	19.07	202	2239422	53.001 ng	100
77) Benzidine	19.25	184	309584	19.704 ng	100
78) Pyrene	19.42	202	2332428	50.683 ng	99
80) Butylbenzylphthalate	20.32	149	251733	13.932 ng	97
81) Benzo(a)anthracene	21.13	228	2197254	49.366 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	429059	28.582 ng	99
83) Chrysene	21.18	228	2133609	50.853 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	401399	14.153 ng	98
85) Di-n-octyl phthalate	21.97	149	692344	15.515 ng	99
86) Indeno(1,2,3-cd)pyrene	25.61	276	2528540	47.499 ng	99
88) Benzo(b)fluoranthene	22.70	252	2208264	52.013 ng	99
89) Benzo(k)fluoranthene	22.74	252	2221240	55.513 ng	99
90) Benzo(a)pyrene	23.27	252	2082139	53.751 ng	100
91) Dibenzo(a,h)anthracene	25.63	278	2103388	53.138 ng	99
92) Benzo(g,h,i)perylene	26.30	276	2074008	53.094 ng	98

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

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