Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002660.D
Acq On : 07 Jul 2020 16:23
Operator : CG/JU
Sample : L3202-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-COMPMS

Quant Time: Jul 07 17:38:34 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	233700	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	931042	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	577559	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1240509	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1161397	20.00	ng		0.00
86) Perylene-d12	23.28	264	1289656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1431179	103.69	ng		0.00
7) Phenol-d6	6.77	99	1931569	100.26	ng		0.00
23) Nitrobenzene-d5	8.72	82	1218888	67.46	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	806718	114.84	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	2734719	69.69	ng		0.00
79) Terphenyl-d14	19.57	244	4002895	74.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	223108	37.713	ng		98
3) Pyridine	3.52	79	662949	37.810	ng		100
4) n-Nitrosodimethylamine	3.44	42	299071	40.183	ng		85
6) Aniline	6.90	93	977538	40.390	ng		98
8) 2-Chlorophenol	7.14	128	749917	48.910	ng		100
9) Benzaldehyde	6.72	77	257618	23.296	ng		98
10) Phenol	6.79	94	948335	48.813	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	719574	45.126	ng		99
12) 1,3-Dichlorobenzene	7.46	146	801723	45.313	ng		98
13) 1,4-Dichlorobenzene	7.60	146	810089	44.942	ng		99
14) 1,2-Dichlorobenzene	7.92	146	767125	44.213	ng		99
15) Benzyl Alcohol	7.81	79	617606	42.664	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	969637	43.645	ng		99
17) 2-Methylphenol	8.03	107	625052	42.983	ng		97
18) Hexachloroethane	8.63	117	288799	44.393	ng		96
19) n-Nitroso-di-n-propylamine	8.38	70	521964	41.294	ng		96
20) 3+4-Methylphenols	8.35	107	835562	42.619	ng		96
22) Acetophenone	8.39	105	1012363	42.960	ng	#	95
24) Nitrobenzene	8.76	77	819779	42.862	ng		97
25) Isophorone	9.28	82	1497465	41.348	ng		99
26) 2-Nitrophenol	9.46	139	413557	47.411	ng		94
27) 2,4-Dimethylphenol	9.55	122	660199	49.949	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	949804	45.655	ng		99
29) 2,4-Dichlorophenol	10.00	162	745607	48.947	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	810190	47.243	ng		97
31) Naphthalene	10.39	128	2213047	44.901	ng		99
32) Benzoic acid	9.72	122	427712	42.432	ng		97
33) 4-Chloroaniline	10.50	127	694297	32.205	ng		98
34) Hexachlorobutadiene	10.69	225	490866	46.763	ng		97
35) Caprolactam	11.27	113	230618	45.037	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	735602	44.059	ng		97
37) 2-Methylnaphthalene	12.02	142	1614541	44.927	ng		96
38) 1-Methylnaphthalene	12.23	142	1528890	45.173	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	876933	48.626	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	708436	75.512 ng		97
43) 2,4,6-Trichlorophenol	12.65	196	597265	48.946 ng		97
44) 2,4,5-Trichlorophenol	12.72	196	641850	45.693 ng		95
46) 1,1'-Biphenyl	13.05	154	1956804	44.790 ng		99
47) 2-Chloronaphthalene	13.08	162	1585122	44.572 ng		95
48) 2-Nitroaniline	13.29	65	471646	41.572 ng		91
49) Acenaphthylene	13.93	152	2479312	44.298 ng		98
50) Dimethylphthalate	13.69	163	2148759	47.369 ng		100
51) 2,6-Dinitrotoluene	13.80	165	441682	45.083 ng		92
52) Acenaphthene	14.29	154	1467958	44.454 ng		100
53) 3-Nitroaniline	14.13	138	354579	33.239 ng		95
54) 2,4-Dinitrophenol	14.35	184	403821	67.164 ng		86
55) Dibenzofuran	14.62	168	2364293	44.181 ng		97
56) 4-Nitrophenol	14.47	139	729863	86.468 ng		88
57) 2,4-Dinitrotoluene	14.60	165	593988	45.070 ng		91
58) Fluorene	15.27	166	1718596	42.168 ng		98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	584009	51.466 ng		91
60) Diethylphthalate	15.07	149	1840368	40.799 ng		98
61) 4-Chlorophenyl-phenylether	15.27	204	914464	41.839 ng		93
62) 4-Nitroaniline	15.30	138	425230	39.883 ng		88
63) Azobenzene	15.57	77	1819232	41.711 ng		95
65) 4,6-Dinitro-2-methylphenol	15.37	198	310757	39.433 ng		96
66) n-Nitrosodiphenylamine	15.49	169	1653214	45.652 ng		99
67) 4-Bromophenyl-phenylether	16.17	248	667714	47.898 ng	#	92
68) Hexachlorobenzene	16.29	284	758370	50.781 ng		96
69) Atrazine	16.46	200	566276	48.733 ng		99
70) Pentachlorophenol	16.64	266	831448	96.839 ng		97
71) Phenanthrene	17.02	178	2971262	44.517 ng		99
72) Anthracene	17.11	178	3033359	45.671 ng		98
73) Carbazole	17.39	167	2773221	43.204 ng		99
74) Di-n-butylphthalate	17.96	149	3213590	42.511 ng		98
75) Fluoranthene	19.00	202	3649539	45.173 ng		98
77) Benzidine	19.19	184	2629625	Below Cal		99
78) Pyrene	19.36	202	3649137	46.161 ng		100
80) Butylbenzylphthalate	20.25	149	1462951	42.390 ng		95
81) Benzo(a)anthracene	21.07	228	3465740	45.645 ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	1345051	48.387 ng		94
83) Chrysene	21.12	228	3226527	44.315 ng		97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1962697	39.604 ng		97
85) Di-n-octyl phthalate	21.89	149	3555388	40.619 ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	4463872	48.072 ng		98
88) Benzo(b)fluoranthene	22.63	252	3814831	46.357 ng		99
89) Benzo(k)fluoranthene	22.67	252	3558342	46.351 ng		100
90) Benzo(a)pyrene	23.19	252	3508203	46.456 ng		99
91) Dibenzo(a,h)anthracene	25.52	278	3638987	47.959 ng		98
92) Benzo(g,h,i)perylene	26.17	276	3855773	50.810 ng		98

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

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