Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060420\
Data File : BP002364.D
Acq On : 04 Jun 2020 13:54
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
6/5/2020 10:30:31 AM

Quant Time: Jun 04 16:26:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 13:20:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	218691	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	902284	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	539353	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1134867	20.00	ng		0.00
76) Chrysene-d12	21.12	240	987536	20.00	ng		0.00
86) Perylene-d12	23.32	264	1119902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1342362	115.28	ng		0.00
7) Phenol-d6	6.79	99	1811491	114.36	ng		0.00
23) Nitrobenzene-d5	8.75	82	1779528	118.58	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	588704	115.17	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	3433173	112.32	ng		0.00
79) Terphenyl-d14	19.60	244	4337649	106.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	304273	56.826	ng		98
3) Pyridine	3.56	79	903254m	58.940	ng		
4) n-Nitrosodimethylamine	3.48	42	346149	58.640	ng		98
6) Aniline	6.93	93	1233057	56.341	ng		99
8) 2-Chlorophenol	7.18	128	763722	57.317	ng		98
9) Benzaldehyde	6.75	77	423498	47.833	ng		100
10) Phenol	6.82	94	989813	56.790	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	826138	56.934	ng		98
12) 1,3-Dichlorobenzene	7.49	146	874305	57.261	ng		99
13) 1,4-Dichlorobenzene	7.64	146	876932	57.187	ng		99
14) 1,2-Dichlorobenzene	7.95	146	839398	57.256	ng		99
15) Benzyl Alcohol	7.85	79	723786	60.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1160931	57.989	ng		100
17) 2-Methylphenol	8.06	107	725469	58.277	ng		99
18) Hexachloroethane	8.68	117	322302	58.728	ng		95
19) n-Nitroso-di-n-propylamine	8.41	70	604926	57.590	ng		98
20) 3+4-Methylphenols	8.38	107	985566	58.260	ng		99
22) Acetophenone	8.42	105	1148421	55.746	ng	#	97
24) Nitrobenzene	8.79	77	951570	58.163	ng		98
25) Isophorone	9.32	82	1814824	58.880	ng		98
26) 2-Nitrophenol	9.50	139	443160	63.580	ng		97
27) 2,4-Dimethylphenol	9.58	122	670516	58.425	ng		100
28) bis(2-Chloroethoxy)methane	9.80	93	1068991	56.996	ng		99
29) 2,4-Dichlorophenol	10.03	162	751017	59.383	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	817890	57.430	ng		99
31) Naphthalene	10.43	128	2410861	56.975	ng		100
32) Benzoic acid	9.75	122	583721	70.965	ng		98
33) 4-Chloroaniline	10.53	127	1086569	58.460	ng		98
34) Hexachlorobutadiene	10.73	225	474919	57.177	ng		99
35) Caprolactam	11.31	113	271117	61.891	ng		96
36) 4-Chloro-3-methylphenol	11.68	107	807868	59.315	ng		97
37) 2-Methylnaphthalene	12.05	142	1710847	57.663	ng		99
38) 1-Methylnaphthalene	12.27	142	1614229	57.314	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	821417	57.310	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	452926	59.436	ng		96
43) 2,4,6-Trichlorophenol	12.67	196	599387	60.396	ng		99
44) 2,4,5-Trichlorophenol	12.75	196	686116	59.576	ng		97
46) 1,1'-Biphenyl	13.08	154	2004110	56.704	ng		99
47) 2-Chloronaphthalene	13.12	162	1660584	56.949	ng		97
48) 2-Nitroaniline	13.32	65	558294	62.263	ng		92
49) Acenaphthylene	13.97	152	2632154	56.968	ng		100
50) Dimethylphthalate	13.72	163	2097721	57.460	ng		99
51) 2,6-Dinitrotoluene	13.83	165	474354	59.871	ng		92
52) Acenaphthene	14.32	154	1547129	52.049	ng		100
53) 3-Nitroaniline	14.16	138	542457	59.840	ng		96
54) 2,4-Dinitrophenol	14.36	184	275966	68.932	ng		93
55) Dibenzofuran	14.66	168	2471525	56.234	ng		98
56) 4-Nitrophenol	14.48	139	434333	60.622	ng		92
57) 2,4-Dinitrotoluene	14.62	165	643638	60.440	ng		91
58) Fluorene	15.30	166	1721102	52.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	539695	58.837	ng		94
60) Diethylphthalate	15.10	149	2066083	57.229	ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	901259	52.395	ng		95
62) 4-Nitroaniline	15.33	138	506577	60.370	ng		95
63) Azobenzene	15.60	77	2101943	56.778	ng		97
65) 4,6-Dinitro-2-methylphenol	15.39	198	374175	66.672	ng		88
66) n-Nitrosodiphenylamine	15.53	169	1700702	57.074	ng		100
67) 4-Bromophenyl-phenylether	16.20	248	640303	57.411	ng		95
68) Hexachlorobenzene	16.32	284	665202	56.454	ng	#	93
69) Atrazine	16.49	200	537294	56.521	ng		98
70) Pentachlorophenol	16.67	266	414492	57.664	ng		98
71) Phenanthrene	17.05	178	3034421	56.449	ng		100
72) Anthracene	17.14	178	3044154	57.552	ng		100
73) Carbazole	17.42	167	2976876	57.554	ng		99
74) Di-n-butylphthalate	18.00	149	3525089	59.903	ng		99
75) Fluoranthene	19.03	202	3585307	57.907	ng		98
77) Benzidine	19.22	184	1300366	64.842	ng		98
78) Pyrene	19.39	202	3644217	59.262	ng		99
80) Butylbenzylphthalate	20.28	149	1633886	66.736	ng		95
81) Benzo(a)anthracene	21.10	228	3268009	57.811	ng		100
82) 3,3'-Dichlorobenzidine	21.03	252	1255455	63.389	ng	#	99
83) Chrysene	21.15	228	3054914	56.309	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	2252088	60.197	ng		98
85) Di-n-octyl phthalate	21.92	149	3960176	63.688	ng		98
87) Indeno(1,2,3-cd)pyrene	25.55	276	4022923	58.035	ng		96
88) Benzo(b)fluoranthene	22.66	252	3491766	57.189	ng		99
89) Benzo(k)fluoranthene	22.70	252	3308893	56.475	ng		99
90) Benzo(a)pyrene	23.22	252	3292597	58.135	ng		99
91) Dibenzo(a,h)anthracene	25.56	278	3224188	57.048	ng	#	96
92) Benzo(g,h,i)perylene	26.22	276	3382732	58.676	ng		96

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

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