Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002446.D
Acq On : 18 Jun 2020 17:51
Operator : CG/JU
Sample : L2811-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-08-061620MS

Manual Integrations APPROVED
mohammad
6/19/2020 12:59:05 PM

Quant Time: Jun 18 19:04:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	154496	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	627931	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	364702	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	764601	20.00	ng	0.00
76) Chrysene-d12	21.10	240	727878	20.00	ng	-0.01
86) Perylene-d12	23.29	264	815529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1328112	159.07	ng	0.00
7) Phenol-d6	6.78	99	1577921	141.95	ng	0.00
23) Nitrobenzene-d5	8.73	82	1281043	121.83	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	579486	165.96	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2448007	112.86	ng	0.00
79) Terphenyl-d14	19.58	244	3311004	132.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	192012	49.925	ng	# 36
3) Pyridine	3.55	79	495502	47.402	ng	97
4) n-Nitrosodimethylamine	3.46	42	250569	58.168	ng	97
6) Aniline	6.92	93	529385	35.017	ng	99
8) 2-Chlorophenol	7.16	128	551971	58.796	ng	98
9) Benzaldehyde	6.73	77	227346	38.150	ng	99
10) Phenol	6.80	94	610624	50.647	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	581097	57.729	ng	99
12) 1,3-Dichlorobenzene	7.48	146	600688	55.567	ng	96
13) 1,4-Dichlorobenzene	7.62	146	607580	55.863	ng	98
14) 1,2-Dichlorobenzene	7.94	146	578438	55.520	ng	99
15) Benzyl Alcohol	7.83	79	495922	57.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	803393	56.251	ng	99
17) 2-Methylphenol	8.04	107	463389	52.600	ng	99
18) Hexachloroethane	8.66	117	226820	57.245	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	434784	58.515	ng	99
20) 3+4-Methylphenols	8.36	107	612337	51.502	ng	99
22) Acetophenone	8.40	105	813998	57.700	ng	99
24) Nitrobenzene	8.78	77	678705	60.048	ng	99
25) Isophorone	9.30	82	1241310	57.964	ng	99
26) 2-Nitrophenol	9.48	139	302231	60.007	ng	97
27) 2,4-Dimethylphenol	9.56	122	482636	61.083	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	771058	60.448	ng	100
29) 2,4-Dichlorophenol	10.02	162	524365	58.955	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	565429	57.031	ng	99
31) Naphthalene	10.41	128	1679955	57.588	ng	99
32) Benzoic acid	9.69	122	137164	23.638	ng	99
33) 4-Chloroaniline	10.53	127	130703	10.263	ng	98
34) Hexachlorobutadiene	10.71	225	320924	55.469	ng	99
35) Caprolactam	11.28	113	139301m	44.405	ng	
36) 4-Chloro-3-methylphenol	11.67	107	563816	58.586	ng	99
37) 2-Methylnaphthalene	12.03	142	1201445	58.025	ng	99
38) 1-Methylnaphthalene	12.25	142	1130795	58.185	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	574662	59.775	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	464547	90.891	ng	100
43) 2,4,6-Trichlorophenol	12.66	196	400814	58.911	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	433862	55.069	ng	98
46) 1,1'-Biphenyl	13.06	154	1435482	60.057	ng	99
47) 2-Chloronaphthalene	13.10	162	1142211	58.421	ng	98
48) 2-Nitroaniline	13.30	65	388071	62.177	ng	95
49) Acenaphthylene	13.95	152	1815768	58.187	ng	100
50) Dimethylphthalate	13.70	163	1414373	56.599	ng	100
51) 2,6-Dinitrotoluene	13.81	165	317769	58.554	ng	93
52) Acenaphthene	14.30	154	1082958	59.241	ng	100
53) 3-Nitroaniline	14.14	138	154746	24.972	ng	99
54) 2,4-Dinitrophenol	14.35	184	117445	38.219	ng	98
55) Dibenzofuran	14.64	168	1694861	57.585	ng	99
56) 4-Nitrophenol	14.47	139	465413	94.592	ng	94
57) 2,4-Dinitrotoluene	14.61	165	421974	57.123	ng	99
58) Fluorene	15.29	166	1236165	53.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	374019	59.805	ng	100
60) Diethylphthalate	15.09	149	1378923	55.071	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	623948	59.852	ng	99
62) 4-Nitroaniline	15.31	138	287678	48.315	ng	96
63) Azobenzene	15.59	77	1516326	60.838	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	116725	28.930	ng	92
66) n-Nitrosodiphenylamine	15.51	169	1171177	59.961	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	411882	56.865	ng	100
68) Hexachlorobenzene	16.30	284	452399	58.860	ng	95
69) Atrazine	16.47	200	384574	60.356	ng	98
70) Pentachlorophenol	16.65	266	506059	110.052	ng	100
71) Phenanthrene	17.03	178	2102243	58.777	ng	99
72) Anthracene	17.13	178	2156648	60.699	ng	99
73) Carbazole	17.40	167	1999561	57.208	ng	99
74) Di-n-butylphthalate	17.98	149	2405898	58.164	ng	100
75) Fluoranthene	19.02	202	2564847	60.076	ng	100
77) Benzidine	19.20	184	1168068	71.817	ng	99
78) Pyrene	19.37	202	2590454	58.102	ng	99
80) Butylbenzylphthalate	20.27	149	1110488	56.031	ng	99
81) Benzo(a)anthracene	21.08	228	2434915	58.606	ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	693114	44.890	ng	100
83) Chrysene	21.13	228	2296374	58.338	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1624408	56.345	ng	99
85) Di-n-octyl phthalate	21.90	149	2850382	56.369	ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	3061215	60.013	ng	99
88) Benzo(b)fluoranthene	22.64	252	2648688	60.226	ng	100
89) Benzo(k)fluoranthene	22.69	252	2473917	59.204	ng	99
90) Benzo(a)pyrene	23.20	252	2399525	58.221	ng	100
91) Dibenzo(a,h)anthracene	25.53	278	2490883	60.877	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2552578	60.234	ng	98

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

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