Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002334.D
Acq On : 01 Jun 2020 12:21
Operator : CG/JU
Sample : PB129172BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129172BS

Manual Integrations APPROVED
mohammad
6/2/2020 3:23:30 PM

Quant Time: Jun 01 12:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	260226	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	991877	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	547518	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1063205	20.00	ng		0.00
76) Chrysene-d12	21.12	240	916028	20.00	ng		0.00
86) Perylene-d12	23.32	264	968378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1763930	127.31	ng		0.00
7) Phenol-d6	6.80	99	2205625	117.02	ng		0.00
23) Nitrobenzene-d5	8.75	82	1401953	84.98	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	605109	116.61	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2716917	87.56	ng		0.00
79) Terphenyl-d14	19.60	244	3373017	89.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	249565	39.169	ng		99
3) Pyridine	3.56	79	629067	34.497	ng		99
4) n-Nitrosodimethylamine	3.48	42	293774	41.824	ng		100
6) Aniline	6.94	93	749544	28.782	ng		98
8) 2-Chlorophenol	7.18	128	661367	41.713	ng		98
9) Benzaldehyde	6.75	77	398771	37.851	ng		100
10) Phenol	6.82	94	849395	40.955	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	675990	39.151	ng		100
12) 1,3-Dichlorobenzene	7.50	146	730720	40.219	ng		99
13) 1,4-Dichlorobenzene	7.64	146	739386	40.521	ng		99
14) 1,2-Dichlorobenzene	7.96	146	691932	39.664	ng		99
15) Benzyl Alcohol	7.85	79	566718	39.570	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	919248	38.588	ng		99
17) 2-Methylphenol	8.06	107	542809	36.644	ng		98
18) Hexachloroethane	8.68	117	271814	41.623	ng		97
19) n-Nitroso-di-n-propylamine	8.41	70	480253	38.423	ng		98
20) 3+4-Methylphenols	8.38	107	728175	36.174	ng		94
22) Acetophenone	8.42	105	930500	41.088	ng	#	98
24) Nitrobenzene	8.79	77	738476	41.061	ng		99
25) Isophorone	9.32	82	1340333	39.558	ng		99
26) 2-Nitrophenol	9.50	139	337620	44.063	ng		99
27) 2,4-Dimethylphenol	9.58	122	576257	45.676	ng		98
28) bis(2-Chloroethoxy)methane	9.81	93	847464	41.103	ng		99
29) 2,4-Dichlorophenol	10.04	162	587290	42.243	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	641898	41.001	ng		98
31) Naphthalene	10.43	128	1907812	41.014	ng		100
32) Benzoic acid	9.72	122	316519	33.884	ng		98
33) 4-Chloroaniline	10.54	127	295204	14.448	ng		99
34) Hexachlorobutadiene	10.73	225	366054	40.090	ng		96
35) Caprolactam	11.29	113	185607	38.544	ng		99
36) 4-Chloro-3-methylphenol	11.69	107	593514	39.640	ng		100
37) 2-Methylnaphthalene	12.05	142	1321672	40.523	ng		99
38) 1-Methylnaphthalene	12.27	142	1245054	40.213	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	626616	43.067	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	805312	104.102	ng		98
43) 2,4,6-Trichlorophenol	12.67	196	429038	42.586	ng		95
44) 2,4,5-Trichlorophenol	12.75	196	463567	39.652	ng		97
46) 1,1'-Biphenyl	13.08	154	1592637	44.390	ng		99
47) 2-Chloronaphthalene	13.12	162	1236163	41.761	ng		100
48) 2-Nitroaniline	13.32	65	373792	41.065	ng		92
49) Acenaphthylene	13.97	152	1974901	42.105	ng		100
50) Dimethylphthalate	13.72	163	1460954	39.421	ng		99
51) 2,6-Dinitrotoluene	13.83	165	317508	39.477	ng		99
52) Acenaphthene	14.32	154	1140551	37.799	ng		99
53) 3-Nitroaniline	14.15	138	185467	20.154	ng		98
54) 2,4-Dinitrophenol	14.37	184	328136	80.740	ng		97
55) Dibenzofuran	14.66	168	1802241	40.395	ng		100
56) 4-Nitrophenol	14.48	139	561783	77.241	ng		99
57) 2,4-Dinitrotoluene	14.62	165	435632	40.298	ng		96
58) Fluorene	15.31	166	1331166	40.229	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	371809m	39.930	ng		
60) Diethylphthalate	15.10	149	1419965	38.745	ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	673385	38.564	ng		97
62) 4-Nitroaniline	15.33	138	306932	36.032	ng		95
63) Azobenzene	15.60	77	1517495	40.379	ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	231864	44.099	ng		97
66) n-Nitrosodiphenylamine	15.53	169	1222849	43.803	ng		98
67) 4-Bromophenyl-phenylether	16.21	248	421503	40.340	ng		97
68) Hexachlorobenzene	16.32	284	456725	41.373	ng		91
69) Atrazine	16.49	200	390852	43.887	ng		98
70) Pentachlorophenol	16.67	266	536190	79.622	ng		98
71) Phenanthrene	17.05	178	2126824	42.232	ng		98
72) Anthracene	17.15	178	2203941	44.476	ng		99
73) Carbazole	17.42	167	1973173	40.720	ng		98
74) Di-n-butylphthalate	18.00	149	2377382	43.123	ng		99
75) Fluoranthene	19.03	202	2422551	41.764	ng		99
77) Benzidine	19.22	184	955420	51.360	ng		99
78) Pyrene	19.39	202	2466665	43.244	ng		99
80) Butylbenzylphthalate	20.29	149	1033560	45.511	ng		97
81) Benzo(a)anthracene	21.10	228	2193419	41.830	ng		99
82) 3,3'-Dichlorobenzidine	21.04	252	554658	30.191	ng		99
83) Chrysene	21.15	228	2065586	41.045	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1521315	43.838	ng		99
85) Di-n-octyl phthalate	21.93	149	2591642	44.933	ng		98
87) Indeno(1,2,3-cd)pyrene	25.55	276	2663998	44.445	ng	#	95
88) Benzo(b)fluoranthene	22.66	252	2257792	42.765	ng	#	98
89) Benzo(k)fluoranthene	22.70	252	2080742m	41.070	ng		
90) Benzo(a)pyrene	23.22	252	2017791	41.201	ng		96
91) Dibenzo(a,h)anthracene	25.57	278	2173751	44.480	ng	#	97
92) Benzo(g,h,i)perylene	26.23	276	2298501	46.108	ng		96

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

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