Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
Data File : BP002421.D
Acq On : 17 Jun 2020 16:17
Operator : CG/JU
Sample : PB129590BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129590BS

Manual Integrations APPROVED
mohammad
6/18/2020 11:54:55 AM

Quant Time: Jun 17 17:57:52 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	144417	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	589223	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	350891	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	721499	20.00	ng	0.00
76) Chrysene-d12	21.10	240	679674	20.00	ng	-0.01
86) Perylene-d12	23.29	264	763829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1147433	147.02	ng	0.00
7) Phenol-d6	6.78	99	1496661	144.04	ng	0.00
23) Nitrobenzene-d5	8.73	82	954929	96.78	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	456192	135.79	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1924921	92.24	ng	0.00
79) Terphenyl-d14	19.58	244	2667071	108.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	158144	43.989	ng	99
3) Pyridine	3.53	79	448459	45.896	ng	98
4) n-Nitrosodimethylamine	3.45	42	208971	51.897	ng	97
6) Aniline	6.92	93	623505	44.121	ng	99
8) 2-Chlorophenol	7.16	128	468688	53.409	ng	98
9) Benzaldehyde	6.73	77	254676	49.602	ng	100
10) Phenol	6.80	94	624548	55.418	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	476561	50.648	ng	98
12) 1,3-Dichlorobenzene	7.48	146	485418	48.038	ng	99
13) 1,4-Dichlorobenzene	7.62	146	495616	48.749	ng	99
14) 1,2-Dichlorobenzene	7.93	146	470025	48.263	ng	99
15) Benzyl Alcohol	7.83	79	401887	49.901	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	656874	49.202	ng	98
17) 2-Methylphenol	8.04	107	403060	48.945	ng	99
18) Hexachloroethane	8.66	117	184222	49.739	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	357893	51.528	ng	99
20) 3+4-Methylphenols	8.36	107	546418	49.165	ng	98
22) Acetophenone	8.40	105	674154	50.927	ng	98
24) Nitrobenzene	8.78	77	549291	51.790	ng	99
25) Isophorone	9.30	82	1001939	49.860	ng	100
26) 2-Nitrophenol	9.48	139	241324	51.062	ng	98
27) 2,4-Dimethylphenol	9.56	122	411303	55.475	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	636307	53.161	ng	100
29) 2,4-Dichlorophenol	10.02	162	435970	52.237	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	456788	49.100	ng	100
31) Naphthalene	10.41	128	1394743	50.952	ng	99
32) Benzoic acid	9.70	122	205307	34.969	ng	97
33) 4-Chloroaniline	10.52	127	293940	24.597	ng	99
34) Hexachlorobutadiene	10.71	225	257356	47.404	ng	97
35) Caprolactam	11.28	113	142109m	48.276	ng	
36) 4-Chloro-3-methylphenol	11.66	107	472240	52.294	ng	99
37) 2-Methylnaphthalene	12.03	142	993857	51.152	ng	99
38) 1-Methylnaphthalene	12.25	142	940164	51.554	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	466084	50.389	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	581099	118.170	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	332731	50.829	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	358177	47.252	ng	100
46) 1,1'-Biphenyl	13.06	154	1209937	52.613	ng	100
47) 2-Chloronaphthalene	13.10	162	951760	50.596	ng	98
48) 2-Nitroaniline	13.30	65	309222	51.494	ng	98
49) Acenaphthylene	13.95	152	1527514	50.877	ng	100
50) Dimethylphthalate	13.70	163	1181636	49.147	ng	100
51) 2,6-Dinitrotoluene	13.81	165	261661	50.113	ng	95
52) Acenaphthene	14.30	154	897778	51.044	ng	99
53) 3-Nitroaniline	14.14	138	175492	29.434	ng	100
54) 2,4-Dinitrophenol	14.35	184	275160	89.069	ng	97
55) Dibenzofuran	14.64	168	1428184	50.434	ng	99
56) 4-Nitrophenol	14.46	139	460732	97.326	ng	94
57) 2,4-Dinitrotoluene	14.60	165	351626	49.474	ng	96
58) Fluorene	15.29	166	1058441	47.520	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	311181	51.716	ng	99
60) Diethylphthalate	15.08	149	1157487	48.047	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	532447	50.655	ng	98
62) 4-Nitroaniline	15.31	138	265938	46.422	ng	99
63) Azobenzene	15.59	77	1269133	52.925	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	199741	52.463	ng	94
66) n-Nitrosodiphenylamine	15.51	169	996753	54.080	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	340175	49.771	ng	99
68) Hexachlorobenzene	16.30	284	374500	51.636	ng	96
69) Atrazine	16.47	200	315977	52.553	ng	100
70) Pentachlorophenol	16.65	266	443481	102.205	ng	98
71) Phenanthrene	17.03	178	1761748	52.200	ng	100
72) Anthracene	17.13	178	1803211	53.783	ng	99
73) Carbazole	17.40	167	1664217	50.458	ng	99
74) Di-n-butylphthalate	17.98	149	1964584	50.333	ng	99
75) Fluoranthene	19.02	202	2065927	51.281	ng	99
77) Benzidine	19.20	184	1148473	75.620	ng	100
78) Pyrene	19.37	202	2107147	50.613	ng	99
80) Butylbenzylphthalate	20.26	149	856692	46.291	ng	96
81) Benzo(a)anthracene	21.08	228	1975276	50.915	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	508873	35.295	ng	99
83) Chrysene	21.13	228	1892615	51.491	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1307753	48.578	ng	98
85) Di-n-octyl phthalate	21.90	149	2245701	47.561	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2578861	53.979	ng	99
88) Benzo(b)fluoranthene	22.64	252	2108480	51.188	ng	99
89) Benzo(k)fluoranthene	22.68	252	2144746	54.800	ng	99
90) Benzo(a)pyrene	23.20	252	1987670	51.492	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2130978	55.606	ng	99
92) Benzo(g,h,i)perylene	26.18	276	2148624	54.134	ng	99

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

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