Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002236.D
Acq On : 05 May 2020 14:46
Operator : CG/JU
Sample : PB128656BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB128656BS

Manual Integrations APPROVED
mohammad
5/6/2020 6:44:24 PM

Quant Time: May 05 15:19:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	188372	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	871074	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	578414	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1299073	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1284761	20.00	ng	0.00
87) Perylene-d12	23.32	264	1507343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1677229	146.89	ng	0.00
7) Phenol-d6	6.80	99	2356965	140.52	ng	0.00
23) Nitrobenzene-d5	8.76	82	1427016	84.60	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	782697	127.85	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	3125519	75.67	ng	0.00
79) Terphenyl-d14	19.60	244	4542714	86.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	189490	38.332	ng	99
3) Pyridine	3.56	79	501783	31.848	ng	100
4) n-Nitrosodimethylamine	3.48	42	244728	42.195	ng	99
6) Aniline	6.95	93	675466	29.455	ng	99
8) 2-Chlorophenol	7.19	128	651718	50.495	ng	98
9) Benzaldehyde	6.76	77	457656	56.807	ng	99
10) Phenol	6.83	94	903209	51.084	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	645196	43.369	ng	98
12) 1,3-Dichlorobenzene	7.51	146	612936	42.564	ng	97
13) 1,4-Dichlorobenzene	7.65	146	628159	43.115	ng	98
14) 1,2-Dichlorobenzene	7.96	146	605441	42.492	ng	98
15) Benzyl Alcohol	7.85	79	596816	46.869	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	877441	42.538	ng	99
17) 2-Methylphenol	8.06	107	597007	45.971	ng	98
18) Hexachloroethane	8.69	117	223915	42.766	ng	91
19) n-Nitroso-di-n-propylamine	8.42	70	517116	44.237	ng	98
20) 3+4-Methylphenols	8.39	107	833808	46.491	ng	98
22) Acetophenone	8.43	105	973145	43.253	ng	100
24) Nitrobenzene	8.80	77	765597	42.606	ng	100
25) Isophorone	9.33	82	1527540	41.109	ng	100
26) 2-Nitrophenol	9.51	139	320345	47.896	ng	98
27) 2,4-Dimethylphenol	9.58	122	660116	50.606	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	940537	43.684	ng	97
29) 2,4-Dichlorophenol	10.04	162	657318	47.471	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	627825	41.086	ng	98
31) Naphthalene	10.44	128	1982366	41.993	ng	99
32) Benzoic acid	9.72	122	403241	45.787	ng	96
33) 4-Chloroaniline	10.55	127	315034	14.501	ng	99
34) Hexachlorobutadiene	10.75	225	343588	39.358	ng	99
35) Caprolactam	11.30	113	250480m	47.077	ng	
36) 4-Chloro-3-methylphenol	11.69	107	760213	46.994	ng	100
37) 2-Methylnaphthalene	12.06	142	1492642	44.118	ng	99
38) 1-Methylnaphthalene	12.28	142	1408173	43.709	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	679188	39.533	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	757517	95.478 ng	95
43) 2,4,6-Trichlorophenol	12.68	196	516021	44.321 ng	98
44) 2,4,5-Trichlorophenol	12.75	196	579520	42.199 ng	95
46) 1,1'-Biphenyl	13.09	154	1904202	42.010 ng	99
47) 2-Chloronaphthalene	13.12	162	1475101	42.010 ng	99
48) 2-Nitroaniline	13.32	65	480753	45.650 ng	98
49) Acenaphthylene	13.97	152	2484565	43.663 ng	99
50) Dimethylphthalate	13.73	163	1931996	42.376 ng	99
51) 2,6-Dinitrotoluene	13.83	165	423231	45.095 ng	98
52) Acenaphthene	14.33	154	1635462m	45.547 ng	
53) 3-Nitroaniline	14.16	138	219567	19.587 ng	99
54) 2,4-Dinitrophenol	14.37	184	386241	100.679 ng	98
55) Dibenzofuran	14.66	168	2301726	42.445 ng	99
56) 4-Nitrophenol	14.48	139	823873	92.670 ng	95
57) 2,4-Dinitrotoluene	14.63	165	585823	47.123 ng	96
58) Fluorene	15.32	166	1663181	38.595 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	495358	45.660 ng	97
60) Diethylphthalate	15.11	149	1959042	42.478 ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	842608	41.401 ng	99
62) 4-Nitroaniline	15.33	138	436069	40.957 ng	94
63) Azobenzene	15.62	77	2064801	42.754 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	273033	50.898 ng	99
66) n-Nitrosodiphenylamine	15.53	169	1654886	43.554 ng	97
67) 4-Bromophenyl-phenylether	16.22	248	570842	41.182 ng	96
68) Hexachlorobenzene	16.33	284	622246	42.401 ng	97
69) Atrazine	16.50	200	543528	55.671 ng	99
70) Pentachlorophenol	16.67	266	805613	91.443 ng	97
71) Phenanthrene	17.06	178	2961948	40.544 ng	99
72) Anthracene	17.15	178	3077632	42.757 ng	99
73) Carbazole	17.42	167	2906813	41.795 ng	98
74) Di-n-butylphthalate	18.01	149	3424671	43.647 ng	100
75) Fluoranthene	19.04	202	3618046	43.169 ng	98
77) Benzidine	19.22	184	1653618	48.575 ng	98
78) Pyrene	19.39	202	3745767	42.920 ng	99
80) Butylbenzylphthalate	20.29	149	1319549	46.634 ng	98
81) Benzo(a)anthracene	21.10	228	3536727	42.438 ng	99
82) 3,3'-Dichlorobenzidine	21.03	252	830115	26.809 ng	94
83) Chrysene	21.15	228	3383334	41.338 ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	2273872	46.346 ng	99
85) Di-n-octyl phthalate	21.93	149	4120702	45.473 ng	98
86) Indeno(1,2,3-cd)pyrene	25.55	276	4614668	41.438 ng	99
88) Benzo(b)fluoranthene	22.66	252	3834607	42.306 ng	100
89) Benzo(k)fluoranthene	22.70	252	3650502	39.318 ng	99
90) Benzo(a)pyrene	23.22	252	3615704	41.435 ng	100
91) Dibenzo(a,h)anthracene	25.56	278	3835742	43.280 ng	97
92) Benzo(g,h,i)perylene	26.22	276	3987127	42.570 ng	99

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

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