Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
Data File : BP002929.D
Acq On : 07 Aug 2020 12:22
Operator : CG/JU
Sample : PB130746BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:54 PM

Quant Time: Aug 07 14:17:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	520869	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2076525	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1235452	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2334238	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1807976	20.00	ng	0.00
86) Perylene-d12	23.45	264	1705257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3469525	101.95	ng	0.00
7) Phenol-d6	6.89	99	4341048	91.87	ng	0.00
23) Nitrobenzene-d5	8.86	82	2502450	65.27	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1583696	103.14	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	6136924	67.87	ng	0.00
79) Terphenyl-d14	19.67	244	6754577	74.79	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	402212	27.532	ng	95
3) Pyridine	3.65	79	1069427	26.275	ng	96
4) n-Nitrosodimethylamine	3.56	42	360943	30.189	ng	93
6) Aniline	7.04	93	2002466	36.529	ng	95
8) 2-Chlorophenol	7.28	128	1423147	39.220	ng	94
9) Benzaldehyde	6.85	77	894309	35.549	ng	89
10) Phenol	6.92	94	1747725	36.727	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	1291369	35.282	ng	94
12) 1,3-Dichlorobenzene	7.60	146	1485957	36.282	ng	96
13) 1,4-Dichlorobenzene	7.75	146	1510752	36.494	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1460092	36.984	ng	98
15) Benzyl Alcohol	7.95	79	1087249	34.875	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1078064	31.351	ng	97
17) 2-Methylphenol	8.16	107	1173626	38.595	ng	97
18) Hexachloroethane	8.79	117	522099	36.158	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	870794	31.985	ng	95
20) 3+4-Methylphenols	8.48	107	1591388	38.831	ng	97
22) Acetophenone	8.53	105	1972471	33.667	ng	97
24) Nitrobenzene	8.90	77	1327772	31.900	ng	91
25) Isophorone	9.43	82	2569865	31.201	ng	96
26) 2-Nitrophenol	9.60	139	710627	41.571	ng	91
27) 2,4-Dimethylphenol	9.68	122	1304423	39.769	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	1687834	36.730	ng	100
29) 2,4-Dichlorophenol	10.15	162	1368173	39.633	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1461305	36.211	ng	99
31) Naphthalene	10.55	128	4067890	34.221	ng	100
32) Benzoic acid	9.83	122	829872	43.817	ng	93
33) 4-Chloroaniline	10.65	127	1655027	33.596	ng	97
34) Hexachlorobutadiene	10.85	225	879627	35.619	ng	99
35) Caprolactam	11.41	113	399953	37.444	ng	87
36) 4-Chloro-3-methylphenol	11.78	107	1301159	36.259	ng	97
37) 2-Methylnaphthalene	12.16	142	3003412	35.520	ng	99
38) 1-Methylnaphthalene	12.38	142	2810331	35.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1629303	36.680	ng	99

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Quant Time: Aug 07 14:17:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2235601	97.018	ng		100
43) 2,4,6-Trichlorophenol	12.78	196	1066352	41.421	ng		99
44) 2,4,5-Trichlorophenol	12.85	196	1139249	40.339	ng		96
46) 1,1'-Biphenyl	13.18	154	3687985	36.110	ng		98
47) 2-Chloronaphthalene	13.22	162	2859152	35.750	ng		98
48) 2-Nitroaniline	13.42	65	639865	33.393	ng	#	84
49) Acenaphthylene	14.07	152	4459364	35.554	ng		100
50) Dimethylphthalate	13.82	163	3393283	35.117	ng		100
51) 2,6-Dinitrotoluene	13.92	165	753785	35.415	ng	#	83
52) Acenaphthene	14.42	154	3050949m	37.846	ng		
53) 3-Nitroaniline	14.25	138	674245	30.743	ng		91
54) 2,4-Dinitrophenol	14.45	184	726536	79.257	ng	#	84
55) Dibenzofuran	14.75	168	4167887	33.706	ng		99
56) 4-Nitrophenol	14.56	139	1241267	72.442	ng		87
57) 2,4-Dinitrotoluene	14.71	165	972751	35.005	ng		90
58) Fluorene	15.40	166	3212449	33.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	977159	41.468	ng		96
60) Diethylphthalate	15.19	149	3193900	33.826	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1767959	35.482	ng		97
62) 4-Nitroaniline	15.42	138	728336	33.263	ng		94
63) Azobenzene	15.69	77	2713839	28.550	ng		96
65) 4,6-Dinitro-2-methylphenol	15.48	198	480893	40.756	ng		88
66) n-Nitrosodiphenylamine	15.62	169	2866550	37.080	ng		100
67) 4-Bromophenyl-phenylether	16.30	248	1112966	39.191	ng		96
68) Hexachlorobenzene	16.42	284	1259336	38.340	ng		96
69) Atrazine	16.57	200	868093	33.144	ng		99
70) Pentachlorophenol	16.76	266	1504486	88.327	ng		99
71) Phenanthrene	17.15	178	4837531	35.342	ng		100
72) Anthracene	17.23	178	4948956	36.993	ng		100
73) Carbazole	17.50	167	4268046	32.668	ng		99
74) Di-n-butylphthalate	18.08	149	4957635	36.073	ng		99
75) Fluoranthene	19.12	202	5307299	33.653	ng		99
77) Benzidine	19.29	184	4154984	75.365	ng		99
78) Pyrene	19.47	202	5279281	41.770	ng		99
80) Butylbenzylphthalate	20.36	149	1899337	37.695	ng		88
81) Benzo(a)anthracene	21.17	228	4509077	36.614	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	1722592	35.340	ng		100
83) Chrysene	21.23	228	4236447	36.468	ng		99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2657665	37.994	ng		100
85) Di-n-octyl phthalate	22.01	149	4165035	36.246	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.76	276	5553739	40.666	ng		98
88) Benzo(b)fluoranthene	22.77	252	4312326	35.836	ng		99
89) Benzo(k)fluoranthene	22.82	252	4252009	37.384	ng		100
90) Benzo(a)pyrene	23.35	252	3917123	36.025	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	4632086	39.852	ng		99
92) Benzo(g,h,i)perylene	26.46	276	4717907	41.975	ng		99

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

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