Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001124.D
Acq On : 02 Dec 2019 14:15
Operator : JU
Sample : PB125152BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125152BS

Manual Integrations APPROVED
mohammad
12/4/2019 4:59:06 PM

Quant Time: Dec 02 15:22:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	158252	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	643308	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	359032	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	660326	20.00	ng		0.00
76) Chrysene-d12	19.27	240	528646	20.00	ng		0.00
87) Perylene-d12	21.05	264	506382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	1155907	121.18	ng		0.01
7) Phenol-d6	7.78	99	1522950	119.84	ng		0.01
23) Nitrobenzene-d5	9.21	82	851236	57.41	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	361473	105.04	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1394866	56.86	ng		0.00
79) Terphenyl-d14	17.91	244	1588936	55.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	136569	30.653	ng		97
3) Pyridine	3.47	79	348741	28.208	ng		98
4) n-Nitrosodimethylamine	3.37	42	226515	42.340	ng		88
6) Aniline	7.80	93	545228	32.360	ng	#	49
8) 2-Chlorophenol	7.99	128	419802	42.538	ng		98
9) Benzaldehyde	7.62	77	172490	19.685	ng		99
10) Phenol	7.80	94	608975	42.130	ng		91
11) bis(2-Chloroethyl)ether	7.93	93	464142	41.236	ng		99
12) 1,3-Dichlorobenzene	8.23	146	434444	37.140	ng		98
13) 1,4-Dichlorobenzene	8.36	146	441399	37.459	ng		99
14) 1,2-Dichlorobenzene	8.59	146	424171	38.249	ng		99
15) Benzyl Alcohol	8.56	79	447039	42.855	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	691794	38.229	ng		98
17) 2-Methylphenol	8.75	107	377225	41.670	ng		98
18) Hexachloroethane	9.13	117	179446	36.813	ng		96
19) n-Nitroso-di-n-propylamine	9.00	70	362603	39.544	ng		96
20) 3+4-Methylphenols	9.00	107	475358	41.656	ng		95
22) Acetophenone	8.97	105	691040	36.548	ng	#	98
24) Nitrobenzene	9.24	77	559174	37.925	ng		99
25) Isophorone	9.64	82	991159	37.277	ng		98
26) 2-Nitrophenol	9.75	139	204826	37.926	ng		97
27) 2,4-Dimethylphenol	9.85	122	377541	44.133	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	571584	34.263	ng		100
29) 2,4-Dichlorophenol	10.15	162	365819	37.572	ng		98
30) 1,2,4-Trichlorobenzene	10.28	180	400512	35.219	ng		99
31) Naphthalene	10.40	128	1230883	37.464	ng		100
32) Benzoic acid	10.03	122	225828	36.515	ng		98
33) 4-Chloroaniline	10.49	127	344657	24.174	ng		99
34) Hexachlorobutadiene	10.62	225	244715	34.208	ng		99
35) Caprolactam	11.07	113	123675m	36.856	ng		
36) 4-Chloro-3-methylphenol	11.30	107	433941	37.591	ng		97
37) 2-Methylnaphthalene	11.53	142	835086	37.249	ng		98
38) 1-Methylnaphthalene	11.69	142	780701	36.864	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	394642	34.879	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	382610	73.300	ng		99
43) 2,4,6-Trichlorophenol	12.00	196	265686	35.963	ng		99
44) 2,4,5-Trichlorophenol	12.05	196	281281	36.747	ng		96
46) 1,1'-Biphenyl	12.30	154	995324	35.871	ng		99
47) 2-Chloronaphthalene	12.32	162	779053	35.150	ng		99
48) 2-Nitroaniline	12.49	65	306102	35.239	ng		97
49) Acenaphthylene	13.00	152	1256883	37.832	ng		100
50) Dimethylphthalate	12.83	163	944900	35.189	ng		100
51) 2,6-Dinitrotoluene	12.90	165	208906	36.343	ng		97
52) Acenaphthene	13.29	154	716961	35.876	ng		99
53) 3-Nitroaniline	13.16	138	170781	26.449	ng		95
54) 2,4-Dinitrophenol	13.34	184	140462	61.618	ng	#	86
55) Dibenzofuran	13.57	168	1102655	36.718	ng		98
56) 4-Nitrophenol	13.46	139	346732	75.780	ng		86
57) 2,4-Dinitrotoluene	13.56	165	270386	37.527	ng		91
58) Fluorene	14.13	166	881206	36.620	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	236528	37.591	ng		97
60) Diethylphthalate	13.99	149	958853	34.487	ng		99
61) 4-Chlorophenyl-phenylether	14.15	204	433343	35.364	ng		99
62) 4-Nitroaniline	12.49	138	257111	34.344	ng		97
63) Azobenzene	14.41	77	1086948	36.167	ng		98
65) 4,6-Dinitro-2-methylphenol	14.23	198	102787	37.825	ng		97
66) n-Nitrosodiphenylamine	14.35	169	756557	37.708	ng		99
67) 4-Bromophenyl-phenylether	14.95	248	254741	35.534	ng		96
68) Hexachlorobenzene	15.03	284	281404	35.705	ng		97
69) Atrazine	15.24	200	259053	42.287	ng		97
70) Pentachlorophenol	15.34	266	320800	78.096	ng		97
71) Phenanthrene	15.66	178	1315214	37.885	ng		99
72) Anthracene	15.74	178	1352906	39.539	ng		100
73) Carbazole	15.99	167	1201236	38.580	ng		100
74) Di-n-butylphthalate	16.54	149	1524539	36.417	ng		99
75) Fluoranthene	17.37	202	1454509	39.577	ng		98
77) Benzidine	17.56	184	430835	31.565	ng		98
78) Pyrene	17.68	202	1496213	35.934	ng		100
80) Butylbenzylphthalate	18.56	149	650643	33.832	ng		98
81) Benzo(a)anthracene	19.26	228	1333770	36.389	ng		100
82) 3,3'-Dichlorobenzidine	19.23	252	413762	34.171	ng		98
83) Chrysene	19.31	228	1204123	36.687	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	871850	32.973	ng		99
85) Di-n-octyl phthalate	20.10	149	1578675	33.610	ng		99
86) Indeno(1,2,3-cd)pyrene	22.71	276	1390395	35.945	ng		99
88) Benzo(b)fluoranthene	20.56	252	1308812	42.316	ng		99
89) Benzo(k)fluoranthene	20.60	252	1213649	40.740	ng		99
90) Benzo(a)pyrene	20.98	252	1140212	40.022	ng		100
91) Dibenzo(a,h)anthracene	22.73	278	1167267	41.867	ng		99
92) Benzo(g,h,i)perylene	23.20	276	1199294	43.563	ng		98

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

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