Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000704.D
Acq On : 14 Oct 2019 12:40
Operator : JU
Sample : PB123656BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123656BS

Manual Integrations APPROVED
mohammad
10/16/2019 8:11:02 AM

Quant Time: Oct 15 03:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180326	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	688822	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	388409	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	735052	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	609421	20.00	ng		0.00
87) Perylene-d12	15.45	264	696541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1161358	103.52	ng		-0.02
7) Phenol-d6	6.39	99	1420372	105.07	ng		-0.02
23) Nitrobenzene-d5	7.31	82	682151	60.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	441836	106.75	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1513350	63.04	ng		-0.02
79) Terphenyl-d14	12.90	244	1883367	62.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	172774	38.568	ng		99
3) Pyridine	3.20	79	429730	35.109	ng		98
4) n-Nitrosodimethylamine	3.14	42	134388	39.018	ng		97
6) Aniline	6.41	93	536567	32.671	ng	#	72
8) 2-Chlorophenol	6.54	128	457572	41.329	ng		98
9) Benzaldehyde	6.30	77	283803	40.304	ng		95
10) Phenol	6.40	94	561592	40.574	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	426591	40.060	ng		98
12) 1,3-Dichlorobenzene	6.69	146	518599	38.641	ng		98
13) 1,4-Dichlorobenzene	6.77	146	526296	38.971	ng		98
14) 1,2-Dichlorobenzene	6.92	146	493511	39.581	ng		100
15) Benzyl Alcohol	6.89	79	360351	41.276	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	385329	39.229	ng		99
17) 2-Methylphenol	7.01	107	380970	41.636	ng		98
18) Hexachloroethane	7.26	117	181089	37.677	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	253958	40.756	ng		98
20) 3+4-Methylphenols	7.16	107	468534	43.762	ng	#	75
22) Acetophenone	7.16	105	615187	38.651	ng	#	97
24) Nitrobenzene	7.33	77	438934	40.353	ng		96
25) Isophorone	7.57	82	806652	40.299	ng		97
26) 2-Nitrophenol	7.65	139	238597	41.711	ng		95
27) 2,4-Dimethylphenol	7.69	122	402217	45.871	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	527675	38.791	ng		99
29) 2,4-Dichlorophenol	7.89	162	409647	41.318	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	448293	38.500	ng		99
31) Naphthalene	8.06	128	1309745	40.713	ng		99
32) Benzoic acid	7.81	122	182244	32.916	ng		98
33) 4-Chloroaniline	8.10	127	402245	28.477	ng		99
34) Hexachlorobutadiene	8.18	225	256566	36.461	ng		97
35) Caprolactam	8.46	113	134554m	40.519	ng		
36) 4-Chloro-3-methylphenol	8.60	107	405269	41.735	ng		96
37) 2-Methylnaphthalene	8.75	142	914406	42.341	ng		99
38) 1-Methylnaphthalene	8.85	142	850944	41.701	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	455837	37.079	ng		99

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41) Hexachlorocyclopentadiene	8.91	237	251262	53.700	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	286695	37.884	ng	98
44) 2,4,5-Trichlorophenol	9.08	196	312068	39.939	ng	98
46) 1,1'-Biphenyl	9.22	154	1111998	37.929	ng	99
47) 2-Chloronaphthalene	9.24	162	876458	38.661	ng	98
48) 2-Nitroaniline	9.34	65	212010	38.628	ng	86
49) Acenaphthylene	9.66	152	1376234	40.237	ng	99
50) Dimethylphthalate	9.52	163	1028516	38.109	ng	100
51) 2,6-Dinitrotoluene	9.58	165	236768	40.230	ng	98
52) Acenaphthene	9.83	154	787001	37.932	ng	99
53) 3-Nitroaniline	9.75	138	184744	27.395	ng	90
54) 2,4-Dinitrophenol	9.86	184	144100	73.375	ng	98
55) Dibenzofuran	10.00	168	1245798	40.168	ng	100
56) 4-Nitrophenol	9.93	139	324001	75.254	ng	94
57) 2,4-Dinitrotoluene	9.99	165	309190	39.622	ng	96
58) Fluorene	10.35	166	941752	42.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	260299	39.409	ng	100
60) Diethylphthalate	10.23	149	988964	38.602	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	489351	41.169	ng	98
62) 4-Nitroaniline	10.37	138	247795	38.206	ng	98
63) Azobenzene	10.50	77	840228	42.717	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	126912	38.949	ng	98
66) n-Nitrosodiphenylamine	10.46	169	864178	40.366	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	311781	37.681	ng	98
68) Hexachlorobenzene	10.91	284	338412	35.991	ng	95
69) Atrazine	11.00	200	308975	43.979	ng	98
70) Pentachlorophenol	11.11	266	280854	74.368	ng	98
71) Phenanthrene	11.32	178	1478532	40.051	ng	100
72) Anthracene	11.37	178	1509747	41.246	ng	100
73) Carbazole	11.53	167	1388205	40.913	ng	98
74) Di-n-butylphthalate	11.87	149	1612071	39.001	ng	99
75) Fluoranthene	12.52	202	1665985	40.182	ng	98
77) Benzidine	12.65	184	873094	49.475	ng	99
78) Pyrene	12.76	202	1696773	40.369	ng	99
80) Butylbenzylphthalate	13.39	149	709284	38.726	ng	99
81) Benzo(a)anthracene	13.96	228	1504999	40.475	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	489718	33.157	ng	97
83) Chrysene	14.00	228	1486241	40.724	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	929485	40.351	ng	97
85) Di-n-octyl phthalate	14.58	149	1731962	41.482	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1843730	40.443	ng	99
88) Benzo(b)fluoranthene	15.02	252	1676003	42.413	ng	98
89) Benzo(k)fluoranthene	15.05	252	1475529	39.220	ng	98
90) Benzo(a)pyrene	15.39	252	1487032	40.368	ng	97
91) Dibenzo(a,h)anthracene	16.95	278	1520397	42.556	ng	97
92) Benzo(g,h,i)perylene	17.37	276	1563437	43.065	ng	100

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

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