Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001162.D
Acq On : 03 Dec 2019 18:40
Operator : JU
Sample : PB125109BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125109BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:48 PM

Quant Time: Dec 04 04:33:16 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	8.32	152	119583	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	460193	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	258045	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	476695	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	373326	20.00	ng		-0.02
87) Perylene-d12	21.03	264	334719	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	944050	130.98	ng		0.00
7) Phenol-d6	7.77	99	1242811	129.43	ng		0.00
23) Nitrobenzene-d5	9.20	82	687732	64.84	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	311919	126.11	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1121778	63.62	ng		-0.02
79) Terphenyl-d14	17.89	244	1253680	62.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	123142	36.576	ng		95
3) Pyridine	3.49	79	316494	33.878	ng		94
4) n-Nitrosodimethylamine	3.39	42	196129	48.515	ng		80
6) Aniline	7.79	93	354271	27.826	ng	#	16
8) 2-Chlorophenol	7.98	128	343973	46.125	ng		98
9) Benzaldehyde	7.61	77	168579	27.763	ng		99
10) Phenol	7.79	94	486305	44.523	ng		90
11) bis(2-Chloroethyl)ether	7.92	93	370754	43.590	ng		97
12) 1,3-Dichlorobenzene	8.22	146	370002	41.860	ng		98
13) 1,4-Dichlorobenzene	8.34	146	381403	42.834	ng		98
14) 1,2-Dichlorobenzene	8.58	146	361136	43.095	ng		99
15) Benzyl Alcohol	8.55	79	382096	48.474	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	559053	40.883	ng		98
17) 2-Methylphenol	8.74	107	306411	44.792	ng		97
18) Hexachloroethane	9.12	117	158462	43.020	ng		96
19) n-Nitroso-di-n-propylamine	8.99	70	295878	42.701	ng		95
20) 3+4-Methylphenols	8.99	107	388055	45.002	ng		95
22) Acetophenone	8.96	105	561527	41.516	ng	#	96
24) Nitrobenzene	9.23	77	461992	43.801	ng		99
25) Isophorone	9.62	82	803604	42.249	ng		99
26) 2-Nitrophenol	9.74	139	177370	45.911	ng		96
27) 2,4-Dimethylphenol	9.83	122	300787	49.152	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	461231	38.649	ng		99
29) 2,4-Dichlorophenol	10.13	162	299278	42.969	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	335662	41.261	ng		96
31) Naphthalene	10.39	128	997579	42.444	ng		99
32) Benzoic acid	10.02	122	200627	45.348	ng		99
33) 4-Chloroaniline	10.47	127	226360	22.194	ng		98
34) Hexachlorobutadiene	10.61	225	211269	41.284	ng		99
35) Caprolactam	11.05	113	96047m	40.012	ng		
36) 4-Chloro-3-methylphenol	11.29	107	356845	43.213	ng		100
37) 2-Methylnaphthalene	11.52	142	679793	42.388	ng		98
38) 1-Methylnaphthalene	11.67	142	636568	42.018	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	331928	40.817	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	304257	81.101	ng		100
43) 2,4,6-Trichlorophenol	11.98	196	220652	41.556	ng		99
44) 2,4,5-Trichlorophenol	12.04	196	232547	42.270	ng		96
46) 1,1'-Biphenyl	12.29	154	815286	40.882	ng		99
47) 2-Chloronaphthalene	12.31	162	636913	39.983	ng		99
48) 2-Nitroaniline	12.47	65	255740	40.963	ng		98
49) Acenaphthylene	12.98	152	1005224	42.099	ng		99
50) Dimethylphthalate	12.81	163	756525	39.200	ng		100
51) 2,6-Dinitrotoluene	12.89	165	167725	40.598	ng		95
52) Acenaphthene	13.27	154	577853	40.231	ng		100
53) 3-Nitroaniline	13.15	138	123684	26.651	ng		98
54) 2,4-Dinitrophenol	13.33	184	129942	77.270	ng	#	84
55) Dibenzofuran	13.56	168	895641	41.496	ng		98
56) 4-Nitrophenol	13.45	139	285345	86.770	ng		83
57) 2,4-Dinitrotoluene	13.55	165	220350	42.552	ng	#	86
58) Fluorene	14.12	166	704810	40.752	ng		96
59) 2,3,4,6-Tetrachlorophenol	13.76	232	195425	43.213	ng		97
60) Diethylphthalate	13.98	149	771794	38.622	ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	352865	40.066	ng		96
62) 4-Nitroaniline	12.47	138	209795	38.991	ng		93
63) Azobenzene	14.40	77	868023	40.186	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	91682	45.257	ng		94
66) n-Nitrosodiphenylamine	14.33	169	613227	42.338	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	208313	40.251	ng		94
68) Hexachlorobenzene	15.02	284	228664	40.189	ng		98
69) Atrazine	15.22	200	208964	47.251	ng		98
70) Pentachlorophenol	15.33	266	269615	90.919	ng		98
71) Phenanthrene	15.65	178	1062396	42.392	ng		99
72) Anthracene	15.73	178	1063734	43.063	ng		100
73) Carbazole	15.97	167	954364	42.459	ng		100
74) Di-n-butylphthalate	16.53	149	1206362	39.917	ng		99
75) Fluoranthene	17.36	202	1164369	43.886	ng		99
77) Benzidine	17.55	184	150166	15.579	ng		99
78) Pyrene	17.66	202	1185564	40.320	ng		100
80) Butylbenzylphthalate	18.55	149	522073	38.441	ng		95
81) Benzo(a)anthracene	19.25	228	1045427	40.389	ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	321975	37.653	ng		99
83) Chrysene	19.29	228	962863	41.542	ng		100
84) Bis(2-ethylhexyl)phthalate	19.30	149	692033	37.062	ng		100
85) Di-n-octyl phthalate	20.08	149	1227139	36.996	ng		99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1056751	38.686	ng		98
88) Benzo(b)fluoranthene	20.54	252	1002280	49.024	ng		99
89) Benzo(k)fluoranthene	20.58	252	931989	47.330	ng		99
90) Benzo(a)pyrene	20.96	252	871954	46.303	ng		98
91) Dibenzo(a,h)anthracene	22.71	278	880261	47.766	ng		97
92) Benzo(g,h,i)perylene	23.17	276	896008	49.238	ng		97

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

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