Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001181.D
Acq On : 04 Dec 2019 05:39
Operator : JU
Sample : PB125201BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125201BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:04 PM

Quant Time: Dec 04 07:06:42 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	8.31	152	111507	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	407741	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	225790	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	438785	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	320436	20.00	ng	-0.02
87) Perylene-d12	21.03	264	333180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	700292	104.19	ng	0.00
7) Phenol-d6	7.76	99	632891	70.68	ng	-0.01
23) Nitrobenzene-d5	9.20	82	973208	103.55	ng	-0.01
42) 2,4,6-Tribromophenol	14.52	330	359328	166.03	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1524598	98.82	ng	-0.02
79) Terphenyl-d14	17.90	244	1816893	104.90	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	85704	27.300	ng	# 92
3) Pyridine	3.45	79	215017	24.683	ng	90
4) n-Nitrosodimethylamine	3.35	42	137005	36.345	ng	# 75
6) Aniline	7.79	93	319021	26.872	ng	# 74
8) 2-Chlorophenol	7.98	128	341211	49.068	ng	100
9) Benzaldehyde	7.60	77	195853	36.522	ng	95
10) Phenol	7.78	94	241249	23.687	ng	81
11) bis(2-Chloroethyl)ether	7.92	93	372925	47.021	ng	96
12) 1,3-Dichlorobenzene	8.22	146	372334	45.174	ng	100
13) 1,4-Dichlorobenzene	8.34	146	377887	45.513	ng	99
14) 1,2-Dichlorobenzene	8.58	146	355838	45.538	ng	100
15) Benzyl Alcohol	8.55	79	337628	45.935	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	579424	45.442	ng	98
17) 2-Methylphenol	8.74	107	277039	43.432	ng	96
18) Hexachloroethane	9.12	117	155809	45.363	ng	99
19) n-Nitroso-di-n-propylamine	8.99	70	311749	48.250	ng	95
20) 3+4-Methylphenols	8.98	107	329046	40.922	ng	97
22) Acetophenone	8.96	105	595145	49.661	ng	# 96
24) Nitrobenzene	9.23	77	475641	50.897	ng	97
25) Isophorone	9.62	82	836661	49.646	ng	98
26) 2-Nitrophenol	9.74	139	177323	51.803	ng	92
27) 2,4-Dimethylphenol	9.83	122	298424	55.039	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	479002	45.302	ng	98
29) 2,4-Dichlorophenol	10.13	162	308313	49.961	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	331865	46.043	ng	99
31) Naphthalene	10.39	128	998551	47.951	ng	100
32) Benzoic acid	9.93	122	23206	5.920	ng	95
33) 4-Chloroaniline	10.48	127	161887	17.914	ng	97
34) Hexachlorobutadiene	10.61	225	209762	46.262	ng	98
35) Caprolactam	11.05	113	26341m	12.385	ng	
36) 4-Chloro-3-methylphenol	11.29	107	372954	50.974	ng	100
37) 2-Methylnaphthalene	11.52	142	692776	48.754	ng	96
38) 1-Methylnaphthalene	11.68	142	645228	48.069	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	340297	47.824	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	329684	100.432	ng		99
43) 2,4,6-Trichlorophenol	11.98	196	231693	49.869	ng		100
44) 2,4,5-Trichlorophenol	12.04	196	245131	50.922	ng		97
46) 1,1'-Biphenyl	12.29	154	842419	48.277	ng		100
47) 2-Chloronaphthalene	12.31	162	665932	47.776	ng		99
48) 2-Nitroaniline	12.47	65	276140	50.549	ng		97
49) Acenaphthylene	12.98	152	1066386	51.040	ng		100
50) Dimethylphthalate	12.82	163	820269	48.574	ng		99
51) 2,6-Dinitrotoluene	12.89	165	180847	50.028	ng		91
52) Acenaphthene	13.27	154	611025	48.618	ng		100
53) 3-Nitroaniline	13.15	138	112503	27.705	ng		99
54) 2,4-Dinitrophenol	13.33	184	87237	60.940	ng		87
55) Dibenzofuran	13.56	168	947023	50.145	ng		97
56) 4-Nitrophenol	13.44	139	135688	47.155	ng	#	79
57) 2,4-Dinitrotoluene	13.55	165	236929	52.289	ng	#	84
58) Fluorene	14.12	166	757665	50.067	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	198237	50.097	ng	#	94
60) Diethylphthalate	13.98	149	842228	48.168	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	371519	48.211	ng		94
62) 4-Nitroaniline	12.47	138	221666	47.083	ng		89
63) Azobenzene	14.40	77	933816	49.407	ng		96
65) 4,6-Dinitro-2-methylphenol	14.22	198	76961	41.825	ng		95
66) n-Nitrosodiphenylamine	14.33	169	651045	48.832	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	223166	46.847	ng		94
68) Hexachlorobenzene	15.02	284	244336	46.654	ng		99
69) Atrazine	15.22	200	211313	51.910	ng		96
70) Pentachlorophenol	15.33	266	257022	94.161	ng		98
71) Phenanthrene	15.65	178	1129697	48.972	ng		99
72) Anthracene	15.73	178	1158165	50.937	ng		100
73) Carbazole	15.97	167	1044284	50.473	ng		100
74) Di-n-butylphthalate	16.53	149	1303364	46.853	ng		99
75) Fluoranthene	17.36	202	1219616	49.940	ng		97
77) Benzidine	17.55	184	484608	58.574	ng		99
78) Pyrene	17.67	202	1257754	49.835	ng		99
80) Butylbenzylphthalate	18.55	149	553554	47.487	ng		100
81) Benzo(a)anthracene	19.25	228	1092822	49.189	ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	272081	37.070	ng		98
83) Chrysene	19.29	228	1008342	50.684	ng		100
84) Bis(2-ethylhexyl)phthalate	19.30	149	739048	46.112	ng		100
85) Di-n-octyl phthalate	20.08	149	1302173	45.737	ng		99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1123089	47.900	ng		97
88) Benzo(b)fluoranthene	20.55	252	1043110	51.257	ng		98
89) Benzo(k)fluoranthene	20.58	252	984627	50.234	ng		98
90) Benzo(a)pyrene	20.96	252	967696	51.625	ng		98
91) Dibenzo(a,h)anthracene	22.71	278	934347	50.935	ng		98
92) Benzo(g,h,i)perylene	23.17	276	925980	51.120	ng		98

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

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