Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001349.D
Acq On : 20 Dec 2019 18:15
Operator : JU
Sample : PB125625BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125625BSD

Manual Integrations APPROVED
mohammad
12/23/2019 11:56:14 AM

Quant Time: Dec 20 23:59:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	45979	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	167918	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	95004	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	191335	20.00	ng		0.00
76) Chrysene-d12	19.25	240	154940	20.00	ng		0.00
87) Perylene-d12	21.02	264	159380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	217250	76.36	ng		0.01
7) Phenol-d6	7.75	99	277995	74.89	ng		0.00
23) Nitrobenzene-d5	9.19	82	356839	81.61	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	87207	73.42	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	612949	81.58	ng		0.00
79) Terphenyl-d14	17.89	244	749866	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	49631	42.391	ng		98
3) Pyridine	3.45	79	117509	36.741	ng		98
4) n-Nitrosodimethylamine	3.37	42	90001	44.441	ng		96
6) Aniline	7.78	93	151695	32.462	ng	#	80
8) 2-Chlorophenol	7.96	128	124188	43.421	ng		99
9) Benzaldehyde	7.60	77	99960	38.385	ng		98
10) Phenol	7.77	94	177313	41.804	ng		99
11) bis(2-Chloroethyl)ether	7.90	93	123770	41.247	ng		99
12) 1,3-Dichlorobenzene	8.20	146	145268	40.777	ng		99
13) 1,4-Dichlorobenzene	8.33	146	149921	41.306	ng		95
14) 1,2-Dichlorobenzene	8.56	146	140516	40.638	ng		98
15) Benzyl Alcohol	8.53	79	152226	43.703	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	182675	38.439	ng		98
17) 2-Methylphenol	8.73	107	110006	43.526	ng		97
18) Hexachloroethane	9.10	117	61979	40.142	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	108624	41.218	ng		99
20) 3+4-Methylphenols	8.97	107	144716	43.150	ng		96
22) Acetophenone	8.95	105	203266	38.280	ng	#	100
24) Nitrobenzene	9.22	77	170785	39.683	ng		100
25) Isophorone	9.61	82	282175	40.133	ng		100
26) 2-Nitrophenol	9.72	139	63981	41.691	ng		96
27) 2,4-Dimethylphenol	9.82	122	106888	47.356	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	154540	36.801	ng		99
29) 2,4-Dichlorophenol	10.12	162	110171	39.420	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	130087	37.841	ng		99
31) Naphthalene	10.37	128	364762	39.795	ng		99
32) Benzoic acid	10.00	122	68006	38.388	ng		95
33) 4-Chloroaniline	10.46	127	78109	20.837	ng		99
34) Hexachlorobutadiene	10.59	225	88141	36.759	ng		99
35) Caprolactam	11.04	113	33489m	40.269	ng		
36) 4-Chloro-3-methylphenol	11.28	107	128525	39.352	ng		98
37) 2-Methylnaphthalene	11.50	142	252104	39.839	ng		99
38) 1-Methylnaphthalene	11.66	142	238177	40.035	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	136531	38.867	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	172969	99.556 ng	100
43) 2,4,6-Trichlorophenol	11.97	196	85568	39.608 ng	99
44) 2,4,5-Trichlorophenol	12.03	196	92343	41.602 ng	97
46) 1,1'-Biphenyl	12.27	154	312405	39.295 ng	99
47) 2-Chloronaphthalene	12.29	162	248457	38.658 ng	99
48) 2-Nitroaniline	12.46	65	98898	38.428 ng	98
49) Acenaphthylene	12.97	152	382929	40.758 ng	100
50) Dimethylphthalate	12.80	163	292578	37.539 ng	99
51) 2,6-Dinitrotoluene	12.87	165	62797	39.680 ng	98
52) Acenaphthene	13.26	154	218809	38.654 ng	99
53) 3-Nitroaniline	13.14	138	40271	23.708 ng	94
54) 2,4-Dinitrophenol	13.32	184	52965	86.671 ng	94
55) Dibenzofuran	13.55	168	353750	39.885 ng	97
56) 4-Nitrophenol	13.45	139	107397	88.420 ng	97
57) 2,4-Dinitrotoluene	13.53	165	86583	39.362 ng	96
58) Fluorene	14.10	166	280429	39.531 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77514	40.675 ng	90
60) Diethylphthalate	13.96	149	299428	37.247 ng	98
61) 4-Chlorophenyl-phenylether	14.12	204	144435	38.732 ng	96
62) 4-Nitroaniline	12.46	138	77710	39.506 ng	99
63) Azobenzene	14.38	77	329344	38.915 ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	37585	43.861 ng	91
66) n-Nitrosodiphenylamine	14.32	169	237302	39.121 ng	100
67) 4-Bromophenyl-phenylether	14.92	248	84154	37.201 ng	92
68) Hexachlorobenzene	15.00	284	95778	37.191 ng	95
69) Atrazine	15.21	200	89310	40.990 ng	97
70) Pentachlorophenol	15.32	266	112392	85.102 ng	96
71) Phenanthrene	15.64	178	419779	38.455 ng	98
72) Anthracene	15.72	178	433062	40.075 ng	99
73) Carbazole	15.96	167	376627	39.092 ng	99
74) Di-n-butylphthalate	16.52	149	471369	35.652 ng	99
75) Fluoranthene	17.35	202	469961	38.502 ng	98
77) Benzidine	17.54	184	325211	72.091 ng	98
78) Pyrene	17.66	202	479048	39.821 ng	100
80) Butylbenzylphthalate	18.54	149	204588	36.478 ng	97
81) Benzo(a)anthracene	19.23	228	430329	38.115 ng	98
82) 3,3'-Dichlorobenzidine	19.20	252	92602	23.620 ng	97
83) Chrysene	19.29	228	421872	38.712 ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	289702	35.201 ng	98
85) Di-n-octyl phthalate	20.07	149	486665	35.678 ng	99
86) Indeno(1,2,3-cd)pyrene	22.66	276	440167	37.399 ng	99
88) Benzo(b)fluoranthene	20.53	252	410184	39.188 ng	100
89) Benzo(k)fluoranthene	20.57	252	397308	39.848 ng	99
90) Benzo(a)pyrene	20.95	252	368378	38.634 ng	98
91) Dibenzo(a,h)anthracene	22.69	278	366787	39.343 ng	97
92) Benzo(g,h,i)perylene	23.15	276	362208	40.659 ng	99

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

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