Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101605.D
Acq On : 21 Dec 2017 14:29
Operator : SJ/JU
Sample : I6681-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Manual Integrations APPROVED
Sohil
12/22/2017 12:41:47 PM

Quant Time: Dec 21 15:28:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126455	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	462778	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	169284	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	281299	20.00	ng		0.00
75) Chrysene-d12	13.99	240	207280	20.00	ng		0.02
86) Perylene-d12	15.46	264	226422	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	899962	106.01	ng		0.01
7) Phenol-d6	6.45	99	987208	93.44	ng		0.00
23) Nitrobenzene-d5	7.37	82	638086	76.75	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	156829	96.14	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	916904	84.02	ng		0.00
78) Terphenyl-d14	12.91	244	788411	91.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	146616	33.611	ng		96
3) Pyridine	3.32	79	370399	30.562	ng		98
4) n-Nitrosodimethylamine	3.27	42	187451	33.592	ng		97
6) Aniline	6.47	93	223625	15.231	ng	#	69
8) 2-Chlorophenol	6.59	128	300167	33.613	ng		95
9) Benzaldehyde	6.36	77	178262	22.846	ng		98
10) Phenol	6.46	94	413258	34.318	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	338190	35.804	ng		94
12) 1,3-Dichlorobenzene	6.73	146	341396	33.873	ng		97
13) 1,4-Dichlorobenzene	6.82	146	345972	33.615	ng		99
14) 1,2-Dichlorobenzene	6.97	146	309852	33.446	ng		97
15) Benzyl Alcohol	6.95	79	233153	32.061	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	521294	36.060	ng	#	46
17) 2-Methylphenol	7.07	107	238638	29.051	ng	#	83
18) Hexachloroethane	7.30	117	108850	30.419	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	220890	31.836	ng		91
20) 3+4-Methylphenols	7.23	107	332879	38.241	ng		96
22) Acetophenone	7.21	105	434705	41.167	ng	#	96
24) Nitrobenzene	7.39	77	328090	35.658	ng		96
25) Isophorone	7.62	82	581926	34.893	ng		97
26) 2-Nitrophenol	7.70	139	150710	38.126	ng		97
27) 2,4-Dimethylphenol	7.74	122	251893	37.510	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	375755	35.469	ng		98
29) 2,4-Dichlorophenol	7.96	162	223360	33.666	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	238727	34.097	ng		96
31) Naphthalene	8.10	128	807753	34.671	ng		99
32) Benzoic acid	7.86	122	46646	16.560	ng		92
33) 4-Chloroaniline	8.17	127	116958	11.550	ng		96
34) Hexachlorobutadiene	8.21	225	139531	34.457	ng		99
35) Caprolactam	8.53	113	66561	28.893	ng	#	80
36) 4-Chloro-3-methylphenol	8.65	107	220429	30.228	ng		99
37) 2-Methylnaphthalene	8.79	142	520975	34.322	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	222570	38.942	ng		98
40) Hexachlorocyclopentadiene	8.85	237	318	11.685	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	134262	39.020	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	127253	33.776	ng		96
45) 1,1'-Biphenyl	9.25	154	575978	38.365	ng		98
46) 2-Chloronaphthalene	9.28	162	411709	35.841	ng		98
47) 2-Nitroaniline	9.39	65	144804	36.490	ng		91
48) Acenaphthylene	9.70	152	726865	40.061	ng		100
49) Dimethylphthalate	9.55	163	516149	37.906	ng		100
50) 2,6-Dinitrotoluene	9.63	165	91700	33.135	ng	#	79
51) Acenaphthene	9.87	154	406968	37.334	ng		99
52) 3-Nitroaniline	9.80	138	87433	25.340	ng		100
53) 2,4-Dinitrophenol	9.95	184	6805	16.470	ng	#	31
54) Dibenzofuran	10.04	168	521109	37.617	ng		97
55) 4-Nitrophenol	9.99	139	106551	70.821	ng		93
56) 2,4-Dinitrotoluene	10.05	165	108143	34.683	ng	#	80
57) Fluorene	10.39	166	468911	40.013	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92420	34.143	ng		90
59) Diethylphthalate	10.25	149	446219	33.092	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	189949	33.820	ng		96
61) 4-Nitroaniline	10.42	138	86770	25.019	ng		96
62) Azobenzene	10.53	77	436188	31.226	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	7140m	4.974	ng		
65) n-Nitrosodiphenylamine	10.49	169	355433	34.220	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	109991	34.799	ng	#	85
67) Hexachlorobenzene	10.94	284	109241	32.656	ng	#	89
68) Atrazine	11.02	200	108777	35.122	ng		97
69) Pentachlorophenol	11.14	266	93886	72.812	ng		99
70) Phenanthrene	11.36	178	1535087	98.130	ng		99
71) Anthracene	11.40	178	933312	58.407	ng		100
72) Carbazole	11.56	167	561968	37.563	ng		99
73) Di-n-butylphthalate	11.87	149	635642	35.005	ng		99
74) Fluoranthene	12.56	202	3139647	191.208	ng		97
76) Benzidine	12.67	184	75482	8.622	ng		98
77) Pyrene	12.80	202	3221179	207.066	ng		97
79) Butylbenzylphthalate	13.38	149	290624	41.289	ng		97
80) Benzo(a)anthracene	13.99	228	2612385	190.866	ng		97
81) 3,3'-Dichlorobenzidine	13.94	252	151882	34.032	ng		98
82) Chrysene	14.03	228	2200290	170.261	ng		96
83) Bis(2-ethylhexyl)phthalate	13.93	149	382699	42.925	ng		99
84) Di-n-octyl phthalate	14.54	149	668709	42.057	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	1387531	120.572	ng	#	90
87) Benzo(b)fluoranthene	15.05	252	3261687m	236.338	ng		
88) Benzo(k)fluoranthene	15.07	252	693566m	51.688	ng		
89) Benzo(a)pyrene	15.42	252	2045233	160.757	ng		96
90) Dibenzo(a,h)anthracene	16.96	278	546401	50.021	ng		96
91) Benzo(g,h,i)perylene	17.42	276	1237760	114.433	ng		93

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

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