Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101305.D
Acq On : 11 Dec 2017 23:37
Operator : SJ/JU
Sample : PB104912BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Manual Integrations APPROVED
Sohil
12/12/2017 3:59:22 PM

Quant Time: Dec 12 03:09:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47247	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	180908	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	80715	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	136012	20.00	ng		0.00
75) Chrysene-d12	14.02	240	99505	20.00	ng		0.01
86) Perylene-d12	15.49	264	83450	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	248395	86.88	ng		0.02
7) Phenol-d6	6.47	99	295506	85.13	ng		0.01
23) Nitrobenzene-d5	7.40	82	265794	87.64	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	68117	70.25	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	553619	93.84	ng		0.00
78) Terphenyl-d14	12.94	244	383122	84.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	42369	35.835	ng		95
3) Pyridine	3.42	79	114254	37.277	ng		94
4) n-Nitrosodimethylamine	3.39	42	63173	42.200	ng	#	81
6) Aniline	6.50	93	61127	13.541	ng	#	90
8) 2-Chlorophenol	6.62	128	128789	41.311	ng		93
9) Benzaldehyde	6.38	77	34695	16.330	ng		98
10) Phenol	6.49	94	150834	39.077	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	116732	40.319	ng		98
12) 1,3-Dichlorobenzene	6.77	146	150546	41.472	ng		97
13) 1,4-Dichlorobenzene	6.85	146	151446	40.296	ng		98
14) 1,2-Dichlorobenzene	7.00	146	141839	40.461	ng		97
15) Benzyl Alcohol	6.98	79	106598	39.759	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181638	46.154	ng		88
17) 2-Methylphenol	7.09	107	106022	42.117	ng		94
18) Hexachloroethane	7.33	117	43035	35.641	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	89108	38.116	ng		94
20) 3+4-Methylphenols	7.25	107	135363	41.231	ng	#	59
22) Acetophenone	7.25	105	171927	39.337	ng	#	91
24) Nitrobenzene	7.42	77	129377	43.528	ng		96
25) Isophorone	7.66	82	232171	44.819	ng		97
26) 2-Nitrophenol	7.73	139	60267	36.937	ng		97
27) 2,4-Dimethylphenol	7.77	122	112745	47.767	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	148081	42.533	ng		98
29) 2,4-Dichlorophenol	7.98	162	112166	43.658	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	120652	42.708	ng		96
31) Naphthalene	8.14	128	369855	41.482	ng		99
32) Benzoic acid	7.89	122	26777m	14.586	ng		
33) 4-Chloroaniline	8.19	127	42694	11.917	ng		95
34) Hexachlorobutadiene	8.25	225	72383	41.775	ng		98
35) Caprolactam	8.57	113	31005m	38.724	ng		
36) 4-Chloro-3-methylphenol	8.68	107	111254	41.804	ng		98
37) 2-Methylnaphthalene	8.83	142	255336	42.146	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	114849	39.168	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	6715	13.813	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	73655	42.851	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	75588m	41.133	ng		
45) 1,1'-Biphenyl	9.29	154	292762	39.589	ng		98
46) 2-Chloronaphthalene	9.32	162	229617	43.721	ng		96
47) 2-Nitroaniline	9.42	65	67035	43.142	ng		98
48) Acenaphthylene	9.73	152	346498	40.146	ng		99
49) Dimethylphthalate	9.59	163	274954	42.239	ng		99
50) 2,6-Dinitrotoluene	9.66	165	54055	39.426	ng		97
51) Acenaphthene	9.91	154	202747	39.230	ng		99
52) 3-Nitroaniline	9.83	138	44375	28.781	ng		95
53) 2,4-Dinitrophenol	9.96	184	3517	9.515	ng	#	3
54) Dibenzofuran	10.08	168	301603	40.496	ng		98
55) 4-Nitrophenol	10.01	139	57000	54.818	ng		96
56) 2,4-Dinitrotoluene	10.07	165	65803	35.812	ng		94
57) Fluorene	10.42	166	234739	38.772	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	52850	35.919	ng	#	86
59) Diethylphthalate	10.29	149	258272	40.226	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	118967	39.798	ng		94
61) 4-Nitroaniline	10.45	138	54305	33.930	ng		92
62) Azobenzene	10.57	77	214052	39.284	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	5282	5.790	ng		76
65) n-Nitrosodiphenylamine	10.53	169	215273	44.864	ng		95
66) 4-Bromophenyl-phenylether	10.90	248	70839	46.530	ng	#	81
67) Hexachlorobenzene	10.97	284	69009	42.294	ng	#	90
68) Atrazine	11.06	200	69415	47.161	ng		97
69) Pentachlorophenol	11.17	266	45247	50.434	ng		96
70) Phenanthrene	11.39	178	304844	40.699	ng		99
71) Anthracene	11.44	178	312533	41.228	ng		98
72) Carbazole	11.60	167	268859	38.817	ng		99
73) Di-n-butylphthalate	11.92	149	368774	42.479	ng		98
74) Fluoranthene	12.58	202	291611	35.123	ng		94
76) Benzidine	12.70	184	153447	47.423	ng		97
77) Pyrene	12.81	202	290699	42.338	ng		99
79) Butylbenzylphthalate	13.42	149	129048	42.629	ng		93
80) Benzo(a)anthracene	14.00	228	264791	42.147	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	86532	39.770	ng		97
82) Chrysene	14.04	228	246861	42.309	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	182132	42.196	ng		98
84) Di-n-octyl phthalate	14.58	149	296077	41.198	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	183668	35.407	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	207422	41.497	ng		98
88) Benzo(k)fluoranthene	15.09	252	214740m	43.606	ng		
89) Benzo(a)pyrene	15.43	252	196333	43.205	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	155698	38.865	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	146530	38.811	ng	#	91

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

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