Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090849.D
Acq On : 26 Oct 2016 19:28
Operator : UM/SJ
Sample : PB94315BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Manual Integrations APPROVED
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10/27/2016 3:46:06 PM

Quant Time: Oct 27 02:18:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	176759	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	760271	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	408916	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	679879	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	546468	20.00	ng		-0.01
86) Perylene-d12	15.37	264	451805	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1138774	112.64	ng		0.00
7) Phenol-d6	6.43	99	1553782	113.92	ng		-0.01
23) Nitrobenzene-d5	7.36	82	903735	77.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	526239	125.23	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2081429	89.38	ng		-0.01
78) Terphenyl-d14	12.90	244	2102330	96.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	182397	35.29	ng	#	78
3) Pyridine	3.10	79	515585	36.77	ng	#	67
4) n-Nitrosodimethylamine	3.06	42	160960	40.78	ng	#	57
6) Aniline	6.45	93	400566	25.71	ng	#	51
8) 2-Chlorophenol	6.58	128	527026	42.26	ng		95
9) Benzaldehyde	6.33	77	78283	11.11	ng	#	76
10) Phenol	6.44	94	498805	33.19	ng	#	44
11) bis(2-Chloroethyl)ether	6.53	93	483676	38.89	ng	#	83
12) 1,3-Dichlorobenzene	6.73	146	546047	42.81	ng	#	94
13) 1,4-Dichlorobenzene	6.81	146	535340	39.91	ng	#	96
14) 1,2-Dichlorobenzene	6.96	146	511282m	39.76	ng		
15) Benzyl Alcohol	6.93	79	355731	39.71	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.07	45	474189	38.32	ng		63
17) 2-Methylphenol	7.06	107	405050	42.69	ng	#	85
18) Hexachloroethane	7.30	117	187983	38.50	ng	#	82
19) n-Nitroso-di-n-propylamine	7.21	70	313800	39.79	ng	#	68
20) 3+4-Methylphenols	7.21	107	464066	42.25	ng	#	67
22) Acetophenone	7.21	105	648185	41.44	ng	#	85
24) Nitrobenzene	7.38	77	495752	40.36	ng	#	81
25) Isophorone	7.62	82	943627	40.04	ng	#	93
26) 2-Nitrophenol	7.69	139	265876	40.40	ng	#	62
27) 2,4-Dimethylphenol	7.74	122	461751	43.34	ng		87
28) bis(2-Chloroethoxy)methane	7.84	93	603611	45.03	ng	#	95
29) 2,4-Dichlorophenol	7.94	162	451072	45.72	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	475921	41.75	ng		98
31) Naphthalene	8.10	128	1495438	42.08	ng		97
32) Benzoic acid	7.88	122	240005	31.03	ng	#	75
33) 4-Chloroaniline	8.16	127	259054	18.04	ng	#	97
34) Hexachlorobutadiene	8.21	225	257465	38.41	ng		97
35) Caprolactam	8.52	113	131747m	43.02	ng		
36) 4-Chloro-3-methylphenol	8.65	107	471982	43.99	ng		92
37) 2-Methylnaphthalene	8.80	142	972845	42.38	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	439858	39.21	ng		99
40) Hexachlorocyclopentadiene	8.94	237	507218	98.28	ng		97

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42) 2,4,6-Trichlorophenol	9.07	196	302133	41.72	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	319800	42.87	ng		96
45) 1,1'-Biphenyl	9.25	154	1165439	39.57	ng		92
46) 2-Chloronaphthalene	9.28	162	929222	41.47	ng	#	92
47) 2-Nitroaniline	9.38	65	263356	41.66	ng		84
48) Acenaphthylene	9.70	152	1467383	43.25	ng		97
49) Dimethylphthalate	9.56	163	1037116	37.96	ng	#	97
50) 2,6-Dinitrotoluene	9.62	165	234253	38.82	ng	#	68
51) Acenaphthene	9.87	154	1025010	43.87	ng		90
52) 3-Nitroaniline	9.79	138	137071	21.34	ng	#	75
53) 2,4-Dinitrophenol	9.90	184	245472	77.28	ng	#	82
54) Dibenzofuran	10.04	168	1351906	44.84	ng	#	91
55) 4-Nitrophenol	9.96	139	328628	83.89	ng	#	62
56) 2,4-Dinitrotoluene	10.03	165	356244	47.53	ng	#	97
57) Fluorene	10.38	166	1056614	42.78	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	276975	41.58	ng		97
59) Diethylphthalate	10.26	149	1085356	40.00	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	509471	42.26	ng		92
61) 4-Nitroaniline	10.41	138	243012	38.20	ng	#	59
62) Azobenzene	10.53	77	1091151	40.89	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	164621	36.52	ng	#	55
65) n-Nitrosodiphenylamine	10.50	169	958058	46.00	ng		90
66) 4-Bromophenyl-phenylether	10.86	248	342730	46.03	ng	#	92
67) Hexachlorobenzene	10.93	284	379807	43.10	ng	#	76
68) Atrazine	11.02	200	260115	40.38	ng		86
69) Pentachlorophenol	11.13	266	413521	87.48	ng		97
70) Phenanthrene	11.34	178	1623711	46.90	ng		96
71) Anthracene	11.39	178	1555423	42.66	ng		96
72) Carbazole	11.55	167	1488374	46.23	ng		93
73) Di-n-butylphthalate	11.88	149	1626641	39.19	ng	#	97
74) Fluoranthene	12.52	202	1492455	39.36	ng		94
76) Benzidine	12.65	184	424677	35.59	ng	#	97
77) Pyrene	12.75	202	1466437	42.40	ng		95
79) Butylbenzylphthalate	13.38	149	742483	47.32	ng		92
80) Benzo(a)anthracene	13.94	228	1337353	46.11	ng		95
81) 3,3'-Dichlorobenzidine	13.91	252	290954	25.84	ng		98
82) Chrysene	13.99	228	1410183m	48.07	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	969077	47.42	ng	#	93
84) Di-n-octyl phthalate	14.56	149	1683990	49.08	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.74	276	1147803	44.15	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	1188311m	39.11	ng		
88) Benzo(k)fluoranthene	15.00	252	1164581m	48.51	ng		
89) Benzo(a)pyrene	15.31	252	1094071	41.91	ng	#	87
90) Dibenzo(a,h)anthracene	16.75	278	976162	44.17	ng	#	82
91) Benzo(g,h,i)perylene	17.15	276	932100	44.78	ng	#	77

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

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