Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090841.D
Acq On : 26 Oct 2016 14:21
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Quant Time: Oct 26 15:16:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

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10/27/2016 3:45:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205816	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	799289	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	437060	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	744529	20.00	ng		0.00
75) Chrysene-d12	13.96	240	639015	20.00	ng		0.00
86) Perylene-d12	15.38	264	493657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1797055	140.81	ng		0.00
7) Phenol-d6	6.45	99	1979379	114.51	ng		0.01
23) Nitrobenzene-d5	7.37	82	1977643	135.71	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	734045	212.19	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	3530796	125.41	ng		-0.01
78) Terphenyl-d14	12.91	244	3194477	114.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	446242	60.43	ng	#	73
3) Pyridine	3.04	79	1201080	69.41	ng	#	70
4) n-Nitrosodimethylamine	3.01	42	348380	58.84	ng	#	53
6) Aniline	6.46	93	1143415	58.34	ng	#	8
8) 2-Chlorophenol	6.58	128	875690	57.16	ng		94
10) Phenol	6.46	94	1138066	58.57	ng	#	47
11) bis(2-Chloroethyl)ether	6.53	93	907306	55.57	ng		89
12) 1,3-Dichlorobenzene	6.74	146	1055675	68.60	ng		96
13) 1,4-Dichlorobenzene	6.81	146	1052535m	64.48	ng		
14) 1,2-Dichlorobenzene	6.97	146	965694m	60.43	ng		
15) Benzyl Alcohol	6.94	79	723071	61.58	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1088946	44.53	ng		63
17) 2-Methylphenol	7.07	107	848759	73.53	ng	#	78
18) Hexachloroethane	7.31	117	415820	62.76	ng	#	67
19) n-Nitroso-di-n-propylamine	7.23	70	635937	49.40	ng	#	71
20) 3+4-Methylphenols	7.23	107	933913	68.26	ng	#	88
22) Acetophenone	7.22	105	1229061	69.00	ng	#	86
24) Nitrobenzene	7.39	77	998540	63.21	ng	#	74
25) Isophorone	7.63	82	1789159	64.86	ng	#	91
26) 2-Nitrophenol	7.70	139	499527	77.40	ng	#	71
27) 2,4-Dimethylphenol	7.76	122	893223	78.05	ng		88
28) bis(2-Chloroethoxy)methane	7.85	93	1068721	70.81	ng		97
29) 2,4-Dichlorophenol	7.95	162	819892	87.30	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	944700	85.47	ng		99
31) Naphthalene	8.11	128	2684265	68.65	ng		95
32) Benzoic acid	7.94	122	733825	84.20	ng	#	77
33) 4-Chloroaniline	8.17	127	1188896	81.99	ng	#	95
34) Hexachlorobutadiene	8.22	225	547365	88.08	ng		98
35) Caprolactam	8.58	113	280309m	104.50	ng		
36) 4-Chloro-3-methylphenol	8.66	107	882819	80.82	ng		91
37) 2-Methylnaphthalene	8.80	142	1601698	70.09	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	959817	81.33	ng		97
40) Hexachlorocyclopentadiene	8.96	237	500726	90.38	ng		100
42) 2,4,6-Trichlorophenol	9.08	196	646452	88.33	ng		98

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43) 2,4,5-Trichlorophenol	9.13	196	631257	84.99	ng		95
45) 1,1'-Biphenyl	9.26	154	1952085	56.87	ng		92
46) 2-Chloronaphthalene	9.29	162	1572919	61.66	ng	#	89
47) 2-Nitroaniline	9.39	65	514029	60.70	ng		89
48) Acenaphthylene	9.70	152	2539139	65.23	ng		94
49) Dimethylphthalate	9.58	163	2259796	82.28	ng	#	99
50) 2,6-Dinitrotoluene	9.64	165	550667	93.24	ng	#	85
51) Acenaphthene	9.88	154	1848966	71.55	ng		89
52) 3-Nitroaniline	9.81	138	547091	80.59	ng	#	98
53) 2,4-Dinitrophenol	9.92	184	297609	85.13	ng	#	82
54) Dibenzofuran	10.05	168	2465818	78.77	ng		93
55) 4-Nitrophenol	9.97	139	366427	87.27	ng	#	62
56) 2,4-Dinitrotoluene	10.04	165	642303	88.98	ng	#	86
57) Fluorene	10.40	166	1817771	70.07	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	569603	97.73	ng		95
59) Diethylphthalate	10.27	149	1930575	67.78	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	943992	79.62	ng		96
61) 4-Nitroaniline	10.43	138	560642	81.54	ng	#	59
62) Azobenzene	10.54	77	2036101	61.04	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	397264	80.50	ng	#	80
65) n-Nitrosodiphenylamine	10.51	169	1749702	73.35	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	667290	92.45	ng	#	81
67) Hexachlorobenzene	10.93	284	719207	84.44	ng	#	89
68) Atrazine	11.04	200	437765	66.49	ng		86
69) Pentachlorophenol	11.13	266	410378	77.32	ng		98
70) Phenanthrene	11.34	178	2455253	64.70	ng	#	93
71) Anthracene	11.40	178	2659829	63.20	ng	#	93
72) Carbazole	11.56	167	2633464	74.84	ng		94
73) Di-n-butylphthalate	11.89	149	3053208	66.89	ng	#	97
74) Fluoranthene	12.53	202	2652043	72.24	ng		92
76) Benzidine	12.66	184	955218	67.32	ng	#	90
77) Pyrene	12.76	202	2637624	59.10	ng	#	91
79) Butylbenzylphthalate	13.39	149	1494194	72.83	ng	#	92
80) Benzo(a)anthracene	13.95	228	2302171	65.83	ng		94
81) 3,3'-Dichlorobenzidine	13.93	252	980777	80.94	ng	#	91
82) Chrysene	14.00	228	2541558m	74.47	ng		
83) Bis(2-ethylhexyl)phthalate	13.95	149	1515276	51.63	ng		99
84) Di-n-octyl phthalate	14.57	149	2876203	64.57	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.75	276	2073094	69.62	ng	#	89
87) Benzo(b)fluoranthene	14.98	252	2370566m	78.10	ng		
88) Benzo(k)fluoranthene	15.01	252	2277202m	74.65	ng		
89) Benzo(a)pyrene	15.32	252	2065375	72.52	ng	#	86
90) Dibenzo(a,h)anthracene	16.77	278	1776977	64.99	ng	#	81
91) Benzo(g,h,i)perylene	17.17	276	1678950	63.30	ng	#	77

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

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