Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104004.D
Acq On : 28 Mar 2018 12:20
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:00 PM

Quant Time: Mar 28 12:52:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 12:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124746	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	524052	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	249536	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	451230	20.00	ng		0.00
75) Chrysene-d12	14.16	240	361991	20.00	ng		0.00
86) Perylene-d12	15.70	264	362153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	948230	115.62	ng		0.00
7) Phenol-d6	6.61	99	1107741	110.40	ng		0.00
23) Nitrobenzene-d5	7.54	82	993301	132.18	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	309941	144.46	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1685687	107.76	ng		0.00
78) Terphenyl-d14	13.09	244	1633987	104.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	203813	50.468	ng	#	88
3) Pyridine	3.62	79	541591m	48.757	ng		
4) n-Nitrosodimethylamine	3.59	42	155903m	38.065	ng		
6) Aniline	6.65	93	721962	50.389	ng		93
8) 2-Chlorophenol	6.76	128	504164	58.680	ng		94
9) Benzaldehyde	6.53	77	246683	37.421	ng		94
10) Phenol	6.63	94	618534	58.011	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	546307	62.066	ng		93
12) 1,3-Dichlorobenzene	6.91	146	570856	58.337	ng		98
13) 1,4-Dichlorobenzene	6.99	146	600770	61.097	ng		99
14) 1,2-Dichlorobenzene	7.14	146	521305	57.133	ng		99
15) Benzyl Alcohol	7.12	79	374765	48.204	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	579359	46.278	ng		54
17) 2-Methylphenol	7.22	107	419277	54.800	ng	#	93
18) Hexachloroethane	7.47	117	201954	58.388	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	327589	50.943	ng		93
20) 3+4-Methylphenols	7.38	107	522895	53.852	ng	#	64
22) Acetophenone	7.38	105	700565	52.015	ng	#	97
24) Nitrobenzene	7.56	77	534249	60.556	ng		96
25) Isophorone	7.79	82	914227	52.553	ng		99
26) 2-Nitrophenol	7.87	139	288722	100.088	ng		92
27) 2,4-Dimethylphenol	7.90	122	389505	52.265	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	574576	54.544	ng		99
29) 2,4-Dichlorophenol	8.11	162	416999	61.502	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	462741	58.843	ng		99
31) Naphthalene	8.27	128	1447233	54.670	ng		100
32) Benzoic acid	8.06	122	322992m	72.273	ng		
33) 4-Chloroaniline	8.33	127	630601	56.780	ng		96
34) Hexachlorobutadiene	8.37	225	250320	58.057	ng		97
35) Caprolactam	8.72	113	133642	57.241	ng	#	79
36) 4-Chloro-3-methylphenol	8.81	107	443540	59.339	ng		96
37) 2-Methylnaphthalene	8.96	142	946013	56.352	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	424362	59.610	ng		98
40) Hexachlorocyclopentadiene	9.10	237	207426	56.467	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	282715	62.088	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	333691	64.927	ng		98
45) 1,1'-Biphenyl	9.43	154	1156307	55.571	ng		99
46) 2-Chloronaphthalene	9.46	162	931034	56.335	ng		99
47) 2-Nitroaniline	9.56	65	277585	71.915	ng		98
48) Acenaphthylene	9.87	152	1372648	53.561	ng		100
49) Dimethylphthalate	9.73	163	1103155	57.944	ng		99
50) 2,6-Dinitrotoluene	9.80	165	246097	71.940	ng		91
51) Acenaphthene	10.05	154	801810	52.692	ng		99
52) 3-Nitroaniline	9.98	138	279504	67.661	ng		95
53) 2,4-Dinitrophenol	10.08	184	104299	147.078	ng	#	23
54) Dibenzofuran	10.22	168	1151435	52.981	ng		97
55) 4-Nitrophenol	10.15	139	185680	60.657	ng		93
56) 2,4-Dinitrotoluene	10.20	165	304609	72.587	ng	#	98
57) Fluorene	10.56	166	943221	55.930	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	252568	69.354	ng		91
59) Diethylphthalate	10.42	149	1043101	55.202	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	444007	57.609	ng		97
61) 4-Nitroaniline	10.60	138	263590	66.255	ng		93
62) Azobenzene	10.71	77	935736	48.708	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	171809	117.588	ng		85
65) n-Nitrosodiphenylamine	10.67	169	851736	55.455	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	275970	59.567	ng		91
67) Hexachlorobenzene	11.10	284	317922	60.124	ng		93
68) Atrazine	11.20	200	264174	55.602	ng		98
69) Pentachlorophenol	11.30	266	187817	61.782	ng		97
70) Phenanthrene	11.53	178	1339481	54.267	ng		99
71) Anthracene	11.58	178	1383387	55.181	ng		100
72) Carbazole	11.74	167	1338805	54.944	ng		99
73) Di-n-butylphthalate	12.05	149	1600983	54.758	ng		100
74) Fluoranthene	12.72	202	1402625	55.157	ng		99
76) Benzidine	12.85	184	574961	37.241	ng		95
77) Pyrene	12.96	202	1449229	54.514	ng		99
79) Butylbenzylphthalate	13.56	149	703036	59.689	ng		93
80) Benzo(a)anthracene	14.15	228	1289937	56.295	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	379182	49.472	ng		95
82) Chrysene	14.19	228	1214934	55.622	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	844973	50.218	ng		100
84) Di-n-octyl phthalate	14.74	149	1552406	63.417	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	1263941	66.261	ng		96
87) Benzo(b)fluoranthene	15.24	252	1325001	57.911	ng		99
88) Benzo(k)fluoranthene	15.28	252	1087071	49.426	ng		99
89) Benzo(a)pyrene	15.64	252	1164034	56.092	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	1025354	57.061	ng		97
91) Benzo(g,h,i)perylene	17.79	276	1039060	59.438	ng		96

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

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