Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097596.D
Acq On : 11 Aug 2017 15:10
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
8/14/2017 6:38:51 PM

Quant Time: Aug 11 15:45:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 14:33:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100171	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	422412	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	170870	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	287821	20.00	ng		0.00
75) Chrysene-d12	18.46	240	138694	20.00	ng		0.00
86) Perylene-d12	20.13	264	107432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	969984	154.30	ng		0.00
7) Phenol-d6	7.07	99	1170723	155.56	ng		0.02
23) Nitrobenzene-d5	8.44	82	918912	135.10	ng		0.02
41) 2,4,6-Tribromophenol	13.67	330	190130	125.76	ng		0.00
44) 2-Fluorobiphenyl	11.33	172	1444489	117.64	ng		0.01
78) Terphenyl-d14	17.13	244	1001819	179.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	192034	64.213	ng	#	72
3) Pyridine	2.39	79	613388m	87.270	ng		
4) n-Nitrosodimethylamine	2.38	42	377665	141.334	ng	#	79
6) Aniline	7.02	93	852385	86.573	ng		97
8) 2-Chlorophenol	7.20	128	536206	80.221	ng		94
9) Benzaldehyde	6.82	77	381298	75.110	ng		97
10) Phenol	7.09	94	607146	77.770	ng		95
11) bis(2-Chloroethyl)ether	7.16	93	467391	75.574	ng		87
12) 1,3-Dichlorobenzene	7.42	146	600616	79.387	ng		98
13) 1,4-Dichlorobenzene	7.54	146	604253	78.757	ng		95
14) 1,2-Dichlorobenzene	7.77	146	533452	75.421	ng		99
15) Benzyl Alcohol	7.81	79	427952	82.848	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1110257	127.775	ng		91
17) 2-Methylphenol	8.03	107	407015	72.560	ng		95
18) Hexachloroethane	8.29	117	189919	74.949	ng	#	82
19) n-Nitroso-di-n-propylamine	8.25	70	401111	84.102	ng	#	82
20) 3+4-Methylphenols	8.29	107	488445	68.597	ng	#	62
22) Acetophenone	8.21	105	725771	73.407	ng	#	98
24) Nitrobenzene	8.47	77	498878	68.663	ng		95
25) Isophorone	8.87	82	890018	70.080	ng		97
26) 2-Nitrophenol	8.97	139	288819	75.913	ng	#	87
27) 2,4-Dimethylphenol	9.12	122	431488	73.079	ng		96
28) bis(2-Chloroethoxy)methane	9.24	93	615932	73.574	ng		98
29) 2,4-Dichlorophenol	9.38	162	414269	72.852	ng		95
30) 1,2,4-Trichlorobenzene	9.47	180	366912	62.011	ng		98
31) Naphthalene	9.58	128	1501548	70.830	ng		100
32) Benzoic acid	9.50	122	300943m	88.334	ng		
33) 4-Chloroaniline	9.72	127	640366	77.284	ng		99
34) Hexachlorobutadiene	9.80	225	209064	68.382	ng		98
35) Caprolactam	10.40	113	143528m	84.825	ng		
36) 4-Chloro-3-methylphenol	10.59	107	466836	78.426	ng		88
37) 2-Methylnaphthalene	10.70	142	929176	64.870	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	340425	66.569	ng		99
40) Hexachlorocyclopentadiene	10.96	237	76573	64.955	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	235722	71.693	ng		99
43) 2,4,5-Trichlorophenol	11.29	196	223473	63.899	ng		98
45) 1,1'-Biphenyl	11.48	154	942236	66.906	ng		98
46) 2-Chloronaphthalene	11.49	162	752391	68.377	ng	#	91
47) 2-Nitroaniline	11.70	65	333810	103.668	ng		97
48) Acenaphthylene	12.14	152	1250542	66.463	ng		100
49) Dimethylphthalate	12.03	163	969157	74.702	ng		98
50) 2,6-Dinitrotoluene	12.13	165	201848	71.329	ng	#	68
51) Acenaphthene	12.43	154	753079	69.300	ng		98
52) 3-Nitroaniline	12.39	138	275649	83.607	ng		91
53) 2,4-Dinitrophenol	12.60	184	108400	79.310	ng	#	75
54) Dibenzofuran	12.72	168	1068083	69.835	ng		97
55) 4-Nitrophenol	12.77	139	119563	69.705	ng	#	62
56) 2,4-Dinitrotoluene	12.79	165	284050	74.316	ng	#	78
57) Fluorene	13.27	166	864425	64.946	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	166975	69.779	ng		97
59) Diethylphthalate	13.19	149	920147	73.697	ng		99
60) 4-Chlorophenyl-phenylether	13.30	204	373104	64.461	ng		96
61) 4-Nitroaniline	13.40	138	266695	86.637	ng		93
62) Azobenzene	13.56	77	923369	81.601	ng		92
64) 4,6-Dinitro-2-methylphenol	13.46	198	147017	77.710	ng		89
65) n-Nitrosodiphenylamine	13.52	169	764343	73.905	ng		98
66) 4-Bromophenyl-phenylether	14.08	248	213794	71.472	ng		96
67) Hexachlorobenzene	14.16	284	234585	79.586	ng	#	89
68) Atrazine	14.43	200	198068	68.814	ng		93
69) Pentachlorophenol	14.52	266	49495	51.259	ng		99
70) Phenanthrene	14.82	178	1129713	68.026	ng		98
71) Anthracene	14.90	178	1162326	67.041	ng		99
72) Carbazole	15.18	167	1110106	65.703	ng		100
73) Di-n-butylphthalate	15.77	149	1357998	75.548	ng		99
74) Fluoranthene	16.57	202	1065641	64.832	ng		99
76) Benzidine	16.79	184	336614	63.194	ng		96
77) Pyrene	16.87	202	877544	84.798	ng		99
79) Butylbenzylphthalate	17.79	149	397579	87.967	ng	#	80
80) Benzo(a)anthracene	18.45	228	621850	77.117	ng		98
81) 3,3'-Dichlorobenzidine	18.43	252	192075	66.997	ng	#	97
82) Chrysene	18.50	228	609513	75.636	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	546701	85.752	ng		98
84) Di-n-octyl phthalate	19.30	149	828053	78.821	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.36	276	610856	88.595	ng		97
87) Benzo(b)fluoranthene	19.73	252	504304	74.967	ng		99
88) Benzo(k)fluoranthene	19.76	252	491408	76.425	ng	#	95
89) Benzo(a)pyrene	20.07	252	460050	74.406	ng		98

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

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