Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097593.D
Acq On : 11 Aug 2017 13:34
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
8/14/2017 6:38:25 PM

Quant Time: Aug 11 15:19:41 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	7.51	152	124468	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	518130	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	206219	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	350848	20.00	ng		0.00
75) Chrysene-d12	18.46	240	259161	20.00	ng		0.00
86) Perylene-d12	20.13	264	209488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	672278	86.07	ng		0.00
7) Phenol-d6	7.06	99	761054	81.38	ng		0.00
23) Nitrobenzene-d5	8.42	82	681757	81.72	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	125806	68.95	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	1075345	72.56	ng		0.00
78) Terphenyl-d14	17.12	244	866368	82.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	127402	34.285	ng	#	77
3) Pyridine	2.41	79	427905	48.996	ng	#	65
4) n-Nitrosodimethylamine	2.39	42	238202	71.741	ng		81
6) Aniline	7.00	93	537877	43.966	ng		99
8) 2-Chlorophenol	7.19	128	357243	43.013	ng		92
9) Benzaldehyde	6.82	77	255491	40.503	ng		95
10) Phenol	7.07	94	455017	46.906	ng		95
11) bis(2-Chloroethyl)ether	7.15	93	335194	43.619	ng		87
12) 1,3-Dichlorobenzene	7.41	146	395963	42.120	ng		97
13) 1,4-Dichlorobenzene	7.53	146	400066	41.965	ng		94
14) 1,2-Dichlorobenzene	7.77	146	364456	41.469	ng		98
15) Benzyl Alcohol	7.80	79	278183	43.341	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	745277	69.028	ng		90
17) 2-Methylphenol	8.02	107	270604	38.824	ng	#	92
18) Hexachloroethane	8.29	117	136045	43.208	ng	#	79
19) n-Nitroso-di-n-propylamine	8.23	70	273842	46.209	ng	#	82
20) 3+4-Methylphenols	8.27	107	348674	39.409	ng	#	60
22) Acetophenone	8.20	105	490296	40.429	ng	#	97
24) Nitrobenzene	8.45	77	374790	42.055	ng		97
25) Isophorone	8.85	82	627442	40.278	ng		98
26) 2-Nitrophenol	8.96	139	191240	40.980	ng	#	81
27) 2,4-Dimethylphenol	9.10	122	310262	42.840	ng		97
28) bis(2-Chloroethoxy)methane	9.23	93	453935	44.206	ng		98
29) 2,4-Dichlorophenol	9.38	162	272174	39.022	ng		97
30) 1,2,4-Trichlorobenzene	9.47	180	268135	36.945	ng		97
31) Naphthalene	9.57	128	1021400	39.280	ng		99
32) Benzoic acid	9.45	122	185016	44.274	ng		100
33) 4-Chloroaniline	9.72	127	441535	43.443	ng		98
34) Hexachlorobutadiene	9.79	225	143829	38.354	ng		97
35) Caprolactam	10.35	113	89524m	43.134	ng		
36) 4-Chloro-3-methylphenol	10.57	107	318906	43.677	ng		87
37) 2-Methylnaphthalene	10.70	142	657964	37.450	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	235419	38.144	ng		99
40) Hexachlorocyclopentadiene	10.96	237	31661	22.254	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	161369	40.666	ng		97
43) 2,4,5-Trichlorophenol	11.28	196	158611	37.578	ng		98
45) 1,1'-Biphenyl	11.47	154	701518	41.274	ng		97
46) 2-Chloronaphthalene	11.49	162	537913	40.506	ng		93
47) 2-Nitroaniline	11.69	65	236707	60.911	ng		94
48) Acenaphthylene	12.14	152	862310	37.973	ng		99
49) Dimethylphthalate	12.02	163	631462	40.330	ng		99
50) 2,6-Dinitrotoluene	12.11	165	134931	39.509	ng	#	69
51) Acenaphthene	12.42	154	506971	38.656	ng		98
52) 3-Nitroaniline	12.37	138	175894	44.205	ng		97
53) 2,4-Dinitrophenol	12.60	184	49518	30.019	ng	#	72
54) Dibenzofuran	12.71	168	715158	38.744	ng		99
55) 4-Nitrophenol	12.77	139	65864	31.817	ng	#	51
56) 2,4-Dinitrotoluene	12.78	165	182879	39.645	ng	#	78
57) Fluorene	13.26	166	591443	36.820	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.95	232	106540	36.891	ng		97
59) Diethylphthalate	13.17	149	597875	39.677	ng		98
60) 4-Chlorophenyl-phenylether	13.29	204	251015	35.934	ng		99
61) 4-Nitroaniline	13.37	138	173332	46.656	ng		91
62) Azobenzene	13.54	77	601450	44.041	ng		92
64) 4,6-Dinitro-2-methylphenol	13.45	198	91011	39.465	ng		90
65) n-Nitrosodiphenylamine	13.50	169	503445	39.934	ng		97
66) 4-Bromophenyl-phenylether	14.07	248	143320	39.305	ng		98
67) Hexachlorobenzene	14.16	284	155701	43.334	ng	#	89
68) Atrazine	14.42	200	131190	37.391	ng		95
69) Pentachlorophenol	14.52	266	30328m	25.766	ng		
70) Phenanthrene	14.80	178	783117	38.685	ng		98
71) Anthracene	14.89	178	797481	37.734	ng		99
72) Carbazole	15.17	167	765903	37.188	ng		99
73) Di-n-butylphthalate	15.76	149	918435	41.915	ng		99
74) Fluoranthene	16.56	202	765156	38.188	ng		97
76) Benzidine	16.79	184	341452	34.306	ng		97
77) Pyrene	16.87	202	791037	40.907	ng		99
79) Butylbenzylphthalate	17.78	149	377502	44.700	ng	#	74
80) Benzo(a)anthracene	18.45	228	590983	39.222	ng		98
81) 3,3'-Dichlorobenzidine	18.43	252	208509	38.922	ng	#	96
82) Chrysene	18.50	228	602598	40.019	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	535884	44.983	ng		99
84) Di-n-octyl phthalate	19.30	149	859261	43.772	ng	#	91
85) Indeno(1,2,3-cd)pyrene	21.34	276	368547	28.606	ng		96
87) Benzo(b)fluoranthene	19.72	252	489067	37.284	ng		99
88) Benzo(k)fluoranthene	19.75	252	511988	40.834	ng		96
89) Benzo(a)pyrene	20.07	252	452220	37.508	ng		97
90) Dibenzo(a,h)anthracene	21.34	278	320171	31.306	ng	#	94
91) Benzo(g,h,i)perylene	21.69	276	335014	32.131	ng		96

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

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