Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097958.D
Acq On : 22 Aug 2017 17:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:38 PM

Quant Time: Aug 23 01:21:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	119271	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	485409	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	215580	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	407878	20.00	ng		0.00
75) Chrysene-d12	13.90	240	275556	20.00	ng		0.00
86) Perylene-d12	15.32	264	212252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	633524	80.79	ng		0.00
7) Phenol-d6	6.39	99	861242	80.84	ng		0.00
23) Nitrobenzene-d5	7.32	82	791901	88.63	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	154475	82.58	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1114106	75.93	ng		0.00
78) Terphenyl-d14	12.85	244	1021866	77.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	175201	40.064	ng		89
3) Pyridine	3.13	79	506242	41.876	ng		86
4) n-Nitrosodimethylamine	3.10	42	184635	39.693	ng		80
6) Aniline	6.42	93	593155	39.632	ng		97
8) 2-Chlorophenol	6.53	128	339758	41.086	ng		95
9) Benzaldehyde	6.30	77	272647	40.402	ng		88
10) Phenol	6.40	94	509735	40.908	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	380060	40.412	ng		96
12) 1,3-Dichlorobenzene	6.69	146	358358	40.288	ng	#	95
13) 1,4-Dichlorobenzene	6.77	146	361028	39.908	ng		94
14) 1,2-Dichlorobenzene	6.92	146	332292	39.836	ng		98
15) Benzyl Alcohol	6.89	79	322076	40.378	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	499251	39.455	ng		91
17) 2-Methylphenol	7.01	107	293491	40.274	ng		96
18) Hexachloroethane	7.26	117	146389	41.273	ng	#	80
19) n-Nitroso-di-n-propylamine	7.17	70	282169	38.689	ng	#	88
20) 3+4-Methylphenols	7.16	107	347602	39.053	ng		89
22) Acetophenone	7.16	105	478103	37.284	ng	#	91
24) Nitrobenzene	7.34	77	435168	43.740	ng		96
25) Isophorone	7.57	82	738311	39.737	ng		96
26) 2-Nitrophenol	7.65	139	167323m	46.594	ng		
27) 2,4-Dimethylphenol	7.69	122	307505	39.684	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	486176	39.802	ng		99
29) 2,4-Dichlorophenol	7.89	162	261276	40.620	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	282251	39.583	ng		99
31) Naphthalene	8.06	128	979399	38.865	ng		100
32) Benzoic acid	7.82	122	242470m	43.621	ng		
33) 4-Chloroaniline	8.10	127	424564	39.948	ng		98
34) Hexachlorobutadiene	8.17	225	163476	39.266	ng		99
35) Caprolactam	8.49	113	92193m	42.161	ng		
36) 4-Chloro-3-methylphenol	8.59	107	336238	40.686	ng	#	79
37) 2-Methylnaphthalene	8.75	142	615947	39.867	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	264885	40.037	ng		98
40) Hexachlorocyclopentadiene	8.90	237	126836	39.905	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	184334	41.499	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	187146	42.469	ng		95
45) 1,1'-Biphenyl	9.21	154	773200	39.331	ng		96
46) 2-Chloronaphthalene	9.23	162	569240	39.189	ng	#	91
47) 2-Nitroaniline	9.33	65	232898	47.828	ng		97
48) Acenaphthylene	9.65	152	895046	39.239	ng		99
49) Dimethylphthalate	9.52	163	629709	39.961	ng		100
50) 2,6-Dinitrotoluene	9.57	165	137904	43.842	ng	#	55
51) Acenaphthene	9.82	154	543297	37.766	ng		99
52) 3-Nitroaniline	9.75	138	179966	44.345	ng		92
53) 2,4-Dinitrophenol	9.85	184	61228	45.875	ng	#	72
54) Dibenzofuran	9.99	168	745391	38.660	ng		99
55) 4-Nitrophenol	9.90	139	134367	41.505	ng	#	47
56) 2,4-Dinitrotoluene	9.97	165	179803	45.549	ng	#	47
57) Fluorene	10.33	166	576183	38.653	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	143095	41.942	ng		95
59) Diethylphthalate	10.21	149	646831	39.252	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	271151	39.154	ng		89
61) 4-Nitroaniline	10.36	138	175899	45.603	ng	#	72
62) Azobenzene	10.49	77	761554	38.905	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	89736	46.915	ng	#	78
65) n-Nitrosodiphenylamine	10.45	169	543260	39.113	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	169655	40.055	ng		97
67) Hexachlorobenzene	10.88	284	168818	39.104	ng	#	85
68) Atrazine	10.97	200	139104	37.764	ng		97
69) Pentachlorophenol	11.07	266	99961	39.712	ng		98
70) Phenanthrene	11.29	178	834684	38.403	ng		100
71) Anthracene	11.35	178	848710	38.499	ng		100
72) Carbazole	11.50	167	814057	38.903	ng		99
73) Di-n-butylphthalate	11.83	149	991201	41.124	ng		99
74) Fluoranthene	12.47	202	876555	38.639	ng		98
76) Benzidine	12.60	184	327678	36.268	ng		94
77) Pyrene	12.70	202	893920	39.664	ng		99
79) Butylbenzylphthalate	13.33	149	377664	43.707	ng	#	71
80) Benzo(a)anthracene	13.89	228	600407	36.355	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	230983	41.447	ng	#	96
82) Chrysene	13.93	228	611646	37.230	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	419040	43.764	ng		98
84) Di-n-octyl phthalate	14.50	149	735977	44.176	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	514242	42.550	ng		94
87) Benzo(b)fluoranthene	14.92	252	515168	38.506	ng		97
88) Benzo(k)fluoranthene	14.94	252	483625	38.476	ng	#	93
89) Benzo(a)pyrene	15.26	252	479964	40.524	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	435812	45.197	ng		98
91) Benzo(g,h,i)perylene	17.12	276	459341	45.655	ng	#	93

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

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