Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092664.D
Acq On : 31 Jan 2017 6:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/31/2017 4:46:19 PM

Quant Time: Jan 31 07:22:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144675	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	534246	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	255535	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	358277	20.00	ng		0.00
75) Chrysene-d12	14.13	240	270824	20.00	ng		-0.01
86) Perylene-d12	15.61	264	216024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	711121	84.33	ng		0.00
7) Phenol-d6	6.60	99	877131	80.84	ng		0.00
23) Nitrobenzene-d5	7.54	82	802077	83.60	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	130063	70.37	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1287968	91.31	ng		0.00
78) Terphenyl-d14	13.08	244	1041656	90.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	215336	47.26	ng	#	85
3) Pyridine	3.36	79	609690	52.62	ng	#	84
4) n-Nitrosodimethylamine	3.31	42	263510	48.44	ng		81
6) Aniline	6.62	93	581978	39.32	ng	#	64
8) 2-Chlorophenol	6.75	128	370767	39.85	ng		99
9) Benzaldehyde	6.51	77	320536	41.24	ng		99
10) Phenol	6.62	94	458631	36.13	ng	#	76
11) bis(2-Chloroethyl)ether	6.69	93	385349	38.03	ng		89
12) 1,3-Dichlorobenzene	6.90	146	428865m	39.36	ng		
13) 1,4-Dichlorobenzene	6.98	146	436527	39.58	ng		98
14) 1,2-Dichlorobenzene	7.14	146	426854	40.48	ng		97
15) Benzyl Alcohol	7.10	79	295429	36.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	678857	38.56	ng		93
17) 2-Methylphenol	7.23	107	331649	41.55	ng		98
18) Hexachloroethane	7.48	117	120426	31.99	ng		92
19) n-Nitroso-di-n-propylamine	7.38	70	251986	36.48	ng		93
20) 3+4-Methylphenols	7.38	107	386103	40.46	ng	#	68
22) Acetophenone	7.38	105	502989	41.24	ng	#	92
24) Nitrobenzene	7.55	77	377942	38.37	ng		98
25) Isophorone	7.79	82	728491	40.75	ng		97
26) 2-Nitrophenol	7.87	139	134049	28.63	ng	#	85
27) 2,4-Dimethylphenol	7.92	122	342132	41.60	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	459844	38.84	ng		98
29) 2,4-Dichlorophenol	8.11	162	290240	37.84	ng		87
30) 1,2,4-Trichlorobenzene	8.19	180	324496	39.26	ng	#	94
31) Naphthalene	8.28	128	1078618	39.83	ng		99
32) Benzoic acid	8.00	122	62819	18.64	ng		99
33) 4-Chloroaniline	8.33	127	436620	41.11	ng		99
34) Hexachlorobutadiene	8.40	225	184489	40.57	ng		98
35) Caprolactam	8.69	113	85230	35.33	ng	#	30
36) 4-Chloro-3-methylphenol	8.82	107	301000	37.64	ng		87
37) 2-Methylnaphthalene	8.97	142	659624	37.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	313802	43.75	ng		98
40) Hexachlorocyclopentadiene	9.12	237	17696	5.47	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	189096	40.12	ng		94
43) 2,4,5-Trichlorophenol	9.29	196	187147	36.24	ng		96
45) 1,1'-Biphenyl	9.44	154	845417	45.69	ng		100
46) 2-Chloronaphthalene	9.46	162	630128	43.53	ng		98
47) 2-Nitroaniline	9.55	65	198126	40.71	ng		89
48) Acenaphthylene	9.87	152	946353	37.85	ng		99
49) Dimethylphthalate	9.73	163	755502	43.89	ng		100
50) 2,6-Dinitrotoluene	9.79	165	127403	34.27	ng	#	64
51) Acenaphthene	10.04	154	528637	35.36	ng		97
52) 3-Nitroaniline	9.97	138	196367	46.16	ng	#	74
53) 2,4-Dinitrophenol	10.08	184	1684	5.57	ng	#	61
54) Dibenzofuran	10.21	168	739823	37.00	ng		97
55) 4-Nitrophenol	10.13	139	85494	27.90	ng		91
56) 2,4-Dinitrotoluene	10.20	165	165798	33.50	ng	#	70
57) Fluorene	10.56	166	580311	37.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	126814	36.81	ng		96
59) Diethylphthalate	10.43	149	687851	42.41	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	296811	40.16	ng	#	74
61) 4-Nitroaniline	10.58	138	160091	36.74	ng		94
62) Azobenzene	10.70	77	624305	37.25	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	4183	4.48	ng	#	27
65) n-Nitrosodiphenylamine	10.67	169	531496	46.44	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	161418	43.12	ng	#	74
67) Hexachlorobenzene	11.10	284	151133	40.86	ng	#	77
68) Atrazine	11.20	200	153930	41.91	ng		99
69) Pentachlorophenol	11.30	266	49885	30.97	ng		91
70) Phenanthrene	11.53	178	835586	40.71	ng		97
71) Anthracene	11.57	178	850929	41.28	ng		98
72) Carbazole	11.73	167	870670	44.19	ng		97
73) Di-n-butylphthalate	12.05	149	951139	44.63	ng	#	98
74) Fluoranthene	12.72	202	837423	39.55	ng		90
76) Benzidine	12.83	184	447649	38.79	ng		97
77) Pyrene	12.95	202	858225	42.34	ng		97
79) Butylbenzylphthalate	13.55	149	372033	45.20	ng		100
80) Benzo(a)anthracene	14.12	228	686492	41.44	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	253358	42.91	ng		98
82) Chrysene	14.17	228	682062	43.98	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	538534	47.85	ng	#	97
84) Di-n-octyl phthalate	14.73	149	912707	49.80	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	484500	40.33	ng		95
87) Benzo(b)fluoranthene	15.19	252	592605	41.68	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	498521m	40.61	ng		
89) Benzo(a)pyrene	15.55	252	502834	40.88	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	425458	42.80	ng		96
91) Benzo(g,h,i)perylene	17.54	276	402524	40.08	ng	#	91

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

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