Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092632.D
Acq On : 30 Jan 2017 14:33
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:21 PM

Quant Time: Jan 30 15:13:44 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	159259	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	663834	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	351544	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	563489	20.00	ng		0.00
75) Chrysene-d12	14.13	240	436575	20.00	ng		-0.01
86) Perylene-d12	15.61	264	342113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	768941	82.83	ng		0.00
7) Phenol-d6	6.60	99	954813	79.94	ng		0.00
23) Nitrobenzene-d5	7.54	82	945717	79.33	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	199063	78.29	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1485094	76.53	ng		0.00
78) Terphenyl-d14	13.08	244	1478107	79.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	198566	39.59	ng	#	84
3) Pyridine	3.36	79	562056	44.07	ng	#	85
4) n-Nitrosodimethylamine	3.32	42	252636	42.18	ng		85
6) Aniline	6.62	93	646688	39.69	ng	#	62
8) 2-Chlorophenol	6.75	128	411991	40.23	ng		99
9) Benzaldehyde	6.51	77	366569	42.84	ng		97
10) Phenol	6.62	94	527533	37.75	ng	#	71
11) bis(2-Chloroethyl)ether	6.69	93	433577	38.87	ng		91
12) 1,3-Dichlorobenzene	6.90	146	467690m	38.99	ng		
13) 1,4-Dichlorobenzene	6.98	146	480050	39.54	ng		98
14) 1,2-Dichlorobenzene	7.14	146	481794	41.50	ng		95
15) Benzyl Alcohol	7.10	79	337787	38.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	774775	39.98	ng		94
17) 2-Methylphenol	7.23	107	372348	42.38	ng		99
18) Hexachloroethane	7.48	117	169034	40.79	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	281801	37.06	ng		95
20) 3+4-Methylphenols	7.38	107	427549	40.70	ng	#	71
22) Acetophenone	7.38	105	560327	36.97	ng	#	92
24) Nitrobenzene	7.55	77	443921	36.27	ng		99
25) Isophorone	7.79	82	828407	37.29	ng		96
26) 2-Nitrophenol	7.87	139	240174	41.28	ng		95
27) 2,4-Dimethylphenol	7.92	122	407500	39.88	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	583277	39.65	ng		99
29) 2,4-Dichlorophenol	8.11	162	348720	36.59	ng		87
30) 1,2,4-Trichlorobenzene	8.19	180	388359	37.81	ng	#	94
31) Naphthalene	8.28	128	1279439	38.02	ng		98
32) Benzoic acid	8.03	122	212916	38.45	ng		98
33) 4-Chloroaniline	8.33	127	503073	38.12	ng		98
34) Hexachlorobutadiene	8.40	225	218742	38.71	ng		98
35) Caprolactam	8.70	113	123620	41.24	ng	#	77
36) 4-Chloro-3-methylphenol	8.82	107	394103	39.66	ng		88
37) 2-Methylnaphthalene	8.97	142	795578	36.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	391355	39.66	ng		99
40) Hexachlorocyclopentadiene	9.12	237	181946	40.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	262633	40.50	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	271491	38.21	ng		96
45) 1,1'-Biphenyl	9.44	154	1058290	41.57	ng		99
46) 2-Chloronaphthalene	9.46	162	787169	39.53	ng		97
47) 2-Nitroaniline	9.55	65	260223	38.87	ng		90
48) Acenaphthylene	9.87	152	1296790	37.70	ng		99
49) Dimethylphthalate	9.73	163	854565	36.09	ng		99
50) 2,6-Dinitrotoluene	9.80	165	218209	42.67	ng	#	81
51) Acenaphthene	10.04	154	769446	37.41	ng		97
52) 3-Nitroaniline	9.97	138	251468	42.97	ng	#	77
53) 2,4-Dinitrophenol	10.08	184	93928	38.70	ng		90
54) Dibenzofuran	10.21	168	986584	35.86	ng		99
55) 4-Nitrophenol	10.13	139	152303	36.13	ng		91
56) 2,4-Dinitrotoluene	10.20	165	295100	43.35	ng	#	79
57) Fluorene	10.56	166	772683	36.51	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203668	42.97	ng		96
59) Diethylphthalate	10.43	149	848550	38.03	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	381197	37.49	ng	#	72
61) 4-Nitroaniline	10.58	138	217619	36.31	ng		93
62) Azobenzene	10.70	77	886038	38.43	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	137915	40.64	ng		83
65) n-Nitrosodiphenylamine	10.67	169	706469	39.25	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	225316	38.27	ng	#	90
67) Hexachlorobenzene	11.10	284	220101	37.83	ng	#	85
68) Atrazine	11.20	200	212571	36.80	ng		99
69) Pentachlorophenol	11.30	266	103757	38.64	ng		96
70) Phenanthrene	11.53	178	1285642	39.82	ng		98
71) Anthracene	11.57	178	1237179	38.16	ng		98
72) Carbazole	11.73	167	1266779	40.88	ng		98
73) Di-n-butylphthalate	12.05	149	1282986	38.28	ng		98
74) Fluoranthene	12.70	202	1264614	37.98	ng		97
76) Benzidine	12.83	184	685535	36.85	ng		95
77) Pyrene	12.94	202	1363376	41.73	ng		98
79) Butylbenzylphthalate	13.55	149	530135	39.96	ng		98
80) Benzo(a)anthracene	14.12	228	1044645	39.12	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	360865	37.91	ng		99
82) Chrysene	14.17	228	1082862	43.31	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	752491	41.47	ng		97
84) Di-n-octyl phthalate	14.73	149	1214418	41.10	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	700565	36.18	ng		95
87) Benzo(b)fluoranthene	15.17	252	1015466	45.10	ng		97
88) Benzo(k)fluoranthene	15.21	252	664294m	34.17	ng		
89) Benzo(a)pyrene	15.55	252	788620	40.49	ng	#	95
90) Dibenzo(a,h)anthracene	17.11	278	604298	38.39	ng		98
91) Benzo(g,h,i)perylene	17.53	276	604005	37.98	ng	#	91

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

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