Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098371.D
Acq On : 9 Sep 2017 1:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2017 4:48:00 PM

Quant Time: Sep 09 04:21:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	82750	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	272380	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	97033	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	180321	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	187981	20.00	ng		-0.02
86) Perylene-d12	15.24	264	131411	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	425447	78.20	ng		0.00
7) Phenol-d6	6.35	99	530298	71.74	ng		0.00
23) Nitrobenzene-d5	7.26	82	459621	91.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	69511	82.56	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	616470	93.34	ng		-0.02
78) Terphenyl-d14	12.79	244	620262	68.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	129383	42.645	ng	#	85
3) Pyridine	3.00	79	313089	37.328	ng	#	82
4) n-Nitrosodimethylamine	2.96	42	98283	30.454	ng	#	58
6) Aniline	6.35	93	337449	32.497	ng	#	72
8) 2-Chlorophenol	6.48	128	217401	37.892	ng		97
9) Benzaldehyde	6.23	77	167903	35.862	ng		93
10) Phenol	6.36	94	312444	36.142	ng		98
11) bis(2-Chloroethyl)ether	6.42	93	258029	39.545	ng		96
12) 1,3-Dichlorobenzene	6.63	146	245716	39.816	ng		97
13) 1,4-Dichlorobenzene	6.70	146	248273	39.556	ng		95
14) 1,2-Dichlorobenzene	6.86	146	228644	39.507	ng		98
15) Benzyl Alcohol	6.84	79	177733	32.116	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	285785	32.553	ng	#	19
17) 2-Methylphenol	6.96	107	175957	34.802	ng	#	87
18) Hexachloroethane	7.19	117	56365	22.905	ng	#	82
19) n-Nitroso-di-n-propylamine	7.11	70	179924	35.558	ng	#	86
20) 3+4-Methylphenols	7.12	107	229117	37.102	ng	#	65
22) Acetophenone	7.10	105	317976	44.190	ng	#	83
24) Nitrobenzene	7.27	77	245978	44.061	ng		96
25) Isophorone	7.51	82	406172	38.958	ng		97
26) 2-Nitrophenol	7.59	139	35615	20.938	ng	#	84
27) 2,4-Dimethylphenol	7.64	122	174594	40.154	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	296017	43.187	ng	#	97
29) 2,4-Dichlorophenol	7.84	162	129776	35.955	ng		92
30) 1,2,4-Trichlorobenzene	7.91	180	169992	42.485	ng		100
31) Naphthalene	7.99	128	571559	40.420	ng		100
32) Benzoic acid	7.76	122	14309m	10.318	ng		
33) 4-Chloroaniline	8.05	127	223600	37.494	ng		98
34) Hexachlorobutadiene	8.10	225	103769	44.418	ng		97
35) Caprolactam	8.42	113	38990	31.776	ng		94
36) 4-Chloro-3-methylphenol	8.55	107	148248	31.968	ng	#	85
37) 2-Methylnaphthalene	8.68	142	322679	37.220	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	140013	47.017	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	77826	38.927	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	77962	39.306	ng		96
45) 1,1'-Biphenyl	9.15	154	399531	45.152	ng		96
46) 2-Chloronaphthalene	9.17	162	279161	42.699	ng	#	91
47) 2-Nitroaniline	9.27	65	103403	47.177	ng		90
48) Acenaphthylene	9.58	152	422871	41.188	ng		100
49) Dimethylphthalate	9.45	163	325463	45.886	ng		99
50) 2,6-Dinitrotoluene	9.51	165	55853	39.450	ng	#	62
51) Acenaphthene	9.76	154	255058	39.390	ng		98
52) 3-Nitroaniline	9.68	138	87952	48.149	ng		90
54) Dibenzofuran	9.93	168	339722	39.146	ng		96
55) 4-Nitrophenol	9.87	139	40454	27.763	ng	#	55
56) 2,4-Dinitrotoluene	9.92	165	59129	33.279	ng	#	55
57) Fluorene	10.27	166	272879	40.670	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.06	232	50948	33.177	ng	#	92
59) Diethylphthalate	10.15	149	303013	40.852	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	133152	42.717	ng	#	84
61) 4-Nitroaniline	10.29	138	86784	49.988	ng		82
62) Azobenzene	10.42	77	302862	34.375	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	114	8.432	ng	#	9
65) n-Nitrosodiphenylamine	10.38	169	246643	40.167	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	78351	41.843	ng		91
67) Hexachlorobenzene	10.82	284	78162	40.953	ng	#	89
68) Atrazine	10.92	200	60691	37.269	ng		99
69) Pentachlorophenol	11.02	266	21701	19.501	ng		98
70) Phenanthrene	11.23	178	392815	40.881	ng		99
71) Anthracene	11.28	178	403401	41.392	ng		99
72) Carbazole	11.44	167	398637	43.091	ng		97
73) Di-n-butylphthalate	11.77	149	493213	46.286	ng		99
74) Fluoranthene	12.42	202	487993	48.657	ng		99
76) Benzidine	12.54	184	139278	22.597	ng	#	93
77) Pyrene	12.64	202	504788	32.832	ng		98
79) Butylbenzylphthalate	13.26	149	233716	39.649	ng	#	73
80) Benzo(a)anthracene	13.83	228	433227	38.453	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	129351	34.024	ng	#	96
82) Chrysene	13.87	228	419366	37.418	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	332702	50.934	ng	#	99
84) Di-n-octyl phthalate	14.43	149	631937	55.602	ng		97
85) Indeno(1,2,3-cd)pyrene	16.61	276	268074	32.515	ng		96
87) Benzo(b)fluoranthene	14.85	252	349154	42.152	ng		99
88) Benzo(k)fluoranthene	14.87	252	326623	41.971	ng		95
89) Benzo(a)pyrene	15.19	252	298013	40.640	ng		100
90) Dibenzo(a,h)anthracene	16.62	278	238331	39.922	ng		97
91) Benzo(g,h,i)perylene	17.01	276	231352	37.141	ng		95

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

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