Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098347.D
Acq On : 8 Sep 2017 13:13
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2017 4:47:29 PM

Quant Time: Sep 08 15:01:10 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	6.68	152	93563	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	386825	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	177522	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	338528	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	250007	20.00	ng		-0.02
86) Perylene-d12	15.24	264	201704	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	492816	80.12	ng		-0.02
7) Phenol-d6	6.33	99	684668	81.92	ng		-0.02
23) Nitrobenzene-d5	7.25	82	595436	83.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	134427	87.27	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	922005	76.31	ng		-0.02
78) Terphenyl-d14	12.79	244	902614	75.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	133684	38.970	ng	#	86
3) Pyridine	2.99	79	361322	38.100	ng	#	83
4) n-Nitrosodimethylamine	2.96	42	119871	32.850	ng	#	63
6) Aniline	6.35	93	447147	38.085	ng	#	72
8) 2-Chlorophenol	6.47	128	272185	41.958	ng		99
9) Benzaldehyde	6.23	77	192440	36.352	ng		89
10) Phenol	6.34	94	387993	39.694	ng		84
11) bis(2-Chloroethyl)ether	6.42	93	305201	41.369	ng		94
12) 1,3-Dichlorobenzene	6.62	146	286389	41.043	ng		97
13) 1,4-Dichlorobenzene	6.70	146	290722	40.966	ng		94
14) 1,2-Dichlorobenzene	6.85	146	267541	40.886	ng		100
15) Benzyl Alcohol	6.83	79	225220	35.994	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	351656	35.427	ng		84
17) 2-Methylphenol	6.95	107	229716	40.184	ng		96
18) Hexachloroethane	7.19	117	110648	39.768	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	206160	36.034	ng		89
20) 3+4-Methylphenols	7.10	107	281732	40.350	ng		92
22) Acetophenone	7.10	105	376506	36.844	ng	#	86
24) Nitrobenzene	7.27	77	321037	40.492	ng		94
25) Isophorone	7.51	82	576459	38.933	ng		97
26) 2-Nitrophenol	7.59	139	142166	49.330	ng	#	83
27) 2,4-Dimethylphenol	7.63	122	245824	39.809	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	388479	39.909	ng		99
29) 2,4-Dichlorophenol	7.83	162	211397	41.241	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	228681	40.244	ng		99
31) Naphthalene	7.99	128	798295	39.752	ng		100
32) Benzoic acid	7.77	122	140715m	33.507	ng		
33) 4-Chloroaniline	8.05	127	339160	40.045	ng		96
34) Hexachlorobutadiene	8.10	225	130470	39.325	ng		95
35) Caprolactam	8.42	113	76107	43.674	ng		92
36) 4-Chloro-3-methylphenol	8.53	107	264120	40.104	ng	#	82
37) 2-Methylnaphthalene	8.68	142	495534	40.248	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	221295	40.619	ng		99
40) Hexachlorocyclopentadiene	8.83	237	88588	33.847	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	144735	39.570	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	147302	40.593	ng		98
45) 1,1'-Biphenyl	9.14	154	634762	39.211	ng		96
46) 2-Chloronaphthalene	9.17	162	463429	38.744	ng	#	93
47) 2-Nitroaniline	9.27	65	180199	44.939	ng		97
48) Acenaphthylene	9.58	152	731179	38.927	ng		99
49) Dimethylphthalate	9.45	163	535526	41.269	ng		98
50) 2,6-Dinitrotoluene	9.52	165	113376	43.771	ng	#	75
51) Acenaphthene	9.75	154	439193	37.074	ng		99
52) 3-Nitroaniline	9.68	138	152005	45.485	ng		90
53) 2,4-Dinitrophenol	9.80	184	46942	43.411	ng	#	67
54) Dibenzofuran	9.93	168	602779	37.966	ng		96
55) 4-Nitrophenol	9.85	139	95693	35.896	ng	#	41
56) 2,4-Dinitrotoluene	9.92	165	141665	43.581	ng	#	58
57) Fluorene	10.27	166	492391	40.113	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	109535	38.988	ng	#	91
59) Diethylphthalate	10.14	149	531357	39.157	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	231269	40.555	ng		88
61) 4-Nitroaniline	10.30	138	149771	47.154	ng		83
62) Azobenzene	10.42	77	588590	36.515	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	77893	48.685	ng	#	68
65) n-Nitrosodiphenylamine	10.38	169	460309	39.930	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	143536	40.831	ng	#	88
67) Hexachlorobenzene	10.82	284	149002	41.585	ng	#	94
68) Atrazine	10.91	200	118977	38.917	ng		97
69) Pentachlorophenol	11.01	266	69018	33.036	ng		98
70) Phenanthrene	11.23	178	711078	39.418	ng		99
71) Anthracene	11.28	178	723232	39.528	ng		98
72) Carbazole	11.44	167	685051	39.445	ng		97
73) Di-n-butylphthalate	11.77	149	823490	41.165	ng		99
74) Fluoranthene	12.41	202	746899	39.668	ng		97
76) Benzidine	12.54	184	393007	47.944	ng		95
77) Pyrene	12.64	202	778809	38.088	ng		98
79) Butylbenzylphthalate	13.26	149	328054	41.845	ng	#	81
80) Benzo(a)anthracene	13.83	228	566293	37.793	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	213448	42.215	ng	#	96
82) Chrysene	13.86	228	570446	38.271	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	412454	47.478	ng	#	99
84) Di-n-octyl phthalate	14.43	149	730242	48.311	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	472647	43.105	ng		96
87) Benzo(b)fluoranthene	14.84	252	506244	39.818	ng		99
88) Benzo(k)fluoranthene	14.87	252	482727	40.413	ng	#	93
89) Benzo(a)pyrene	15.19	252	456618	40.569	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	408816	44.615	ng		98
91) Benzo(g,h,i)perylene	17.00	276	415189	43.425	ng		95

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

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