Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099910.D
Acq On : 28 Oct 2017 11:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/30/2017 6:20:16 PM

Quant Time: Oct 30 11:01:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100821	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	404722	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	182059	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	308332	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	197313	20.00	ng		-0.02
86) Perylene-d12	15.43	264	164547	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	494727	77.04	ng		-0.01
7) Phenol-d6	6.43	99	565346	74.25	ng		0.00
23) Nitrobenzene-d5	7.36	82	468034	74.45	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	122775	74.00	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	928814	78.71	ng		-0.01
78) Terphenyl-d14	12.90	244	754957	83.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	106971	37.721	ng	#	86
3) Pyridine	3.28	79	255055	37.400	ng	#	87
4) n-Nitrosodimethylamine	3.25	42	90958	37.334	ng	#	75
6) Aniline	6.46	93	368272	37.300	ng		98
8) 2-Chlorophenol	6.57	128	259921	37.976	ng		93
9) Benzaldehyde	6.35	77	161525	35.499	ng		93
10) Phenol	6.45	94	312773	37.412	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	243496	37.716	ng		93
12) 1,3-Dichlorobenzene	6.73	146	290123m	37.752	ng		
13) 1,4-Dichlorobenzene	6.80	146	296995	38.078	ng		97
14) 1,2-Dichlorobenzene	6.96	146	269914	37.971	ng		96
15) Benzyl Alcohol	6.94	79	176690	36.487	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	265044	36.957	ng	#	22
17) 2-Methylphenol	7.05	107	210574	36.781	ng		98
18) Hexachloroethane	7.29	117	97613	37.513	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	162854	36.496	ng		90
20) 3+4-Methylphenols	7.20	107	252901	37.938	ng	#	62
22) Acetophenone	7.20	105	344998	37.438	ng	#	98
24) Nitrobenzene	7.38	77	237780	37.540	ng		89
25) Isophorone	7.62	82	415975	36.466	ng		96
26) 2-Nitrophenol	7.69	139	141378	38.970	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	204309	38.222	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	299501	37.490	ng		99
29) 2,4-Dichlorophenol	7.94	162	216877	39.057	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	228038	38.435	ng		99
31) Naphthalene	8.09	128	741329	37.946	ng		100
32) Benzoic acid	7.90	122	165399	35.154	ng		91
33) 4-Chloroaniline	8.15	127	306769	38.027	ng	#	94
34) Hexachlorobutadiene	8.20	225	117591	38.532	ng		99
35) Caprolactam	8.53	113	62943	36.045	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	211202	37.264	ng		90
37) 2-Methylnaphthalene	8.78	142	491644	37.553	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	233897	39.778	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	46522	47.150	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	135924	38.216	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	140465	37.216	ng		95
45) 1,1'-Biphenyl	9.25	154	631299	38.330	ng		98
46) 2-Chloronaphthalene	9.27	162	457474	38.247	ng		96
47) 2-Nitroaniline	9.38	65	115350	36.744	ng		90
48) Acenaphthylene	9.69	152	699261	37.957	ng		99
49) Dimethylphthalate	9.55	163	513630	35.625	ng		100
50) 2,6-Dinitrotoluene	9.62	165	110490	36.454	ng		89
51) Acenaphthene	9.86	154	426819	37.918	ng		98
52) 3-Nitroaniline	9.80	138	131623	36.856	ng		90
53) 2,4-Dinitrophenol	9.92	184	41582m	38.007	ng		
54) Dibenzofuran	10.03	168	595156	37.456	ng		97
55) 4-Nitrophenol	9.98	139	63659m	34.115	ng		
56) 2,4-Dinitrotoluene	10.03	165	134193	36.764	ng		96
57) Fluorene	10.37	166	489085	37.176	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	100572	38.004	ng		91
59) Diethylphthalate	10.25	149	497499	35.335	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	229599	37.082	ng		94
61) 4-Nitroaniline	10.42	138	119671	35.122	ng		86
62) Azobenzene	10.53	77	424771	35.990	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	72790	37.556	ng	#	74
65) n-Nitrosodiphenylamine	10.49	169	444803	39.080	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	128637	39.630	ng		94
67) Hexachlorobenzene	10.93	284	128868	38.806	ng	#	91
68) Atrazine	11.02	200	127039	37.157	ng		98
69) Pentachlorophenol	11.13	266	46050	32.453	ng		98
70) Phenanthrene	11.34	178	658392	37.837	ng		98
71) Anthracene	11.39	178	674835	38.207	ng		99
72) Carbazole	11.56	167	622716	37.491	ng		98
73) Di-n-butylphthalate	11.87	149	746552	35.239	ng		98
74) Fluoranthene	12.53	202	636408	35.193	ng		98
76) Benzidine	12.66	184	296334	34.322	ng		99
77) Pyrene	12.76	202	647264	43.141	ng		99
79) Butylbenzylphthalate	13.37	149	283258	38.339	ng		86
80) Benzo(a)anthracene	13.96	228	473765	37.876	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	170514	37.554	ng		100
82) Chrysene	13.99	228	446436	37.964	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	365705	35.247	ng		97
84) Di-n-octyl phthalate	14.53	149	599453	33.662	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.90	276	380380	35.235	ng		97
87) Benzo(b)fluoranthene	15.00	252	384028	36.960	ng		98
88) Benzo(k)fluoranthene	15.03	252	392739	40.085	ng		97
89) Benzo(a)pyrene	15.37	252	360684	38.644	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	321658	38.785	ng		98
91) Benzo(g,h,i)perylene	17.34	276	320699	39.525	ng		97

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

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