Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087183.D
Acq On : 19 May 2016 11:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/19/2016 7:07:40 PM

Quant Time: May 19 13:02:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	128698	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	537543	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	241820	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	416805	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	263363	20.00	ng		-0.05
86) Perylene-d12	15.06	264	298791	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	622956	81.36	ng		-0.03
7) Phenol-d6	6.25	99	751072	73.14	ng		-0.03
23) Nitrobenzene-d5	7.15	82	821405	76.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	191145	71.53	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1189687	81.48	ng		-0.03
78) Terphenyl-d14	12.67	244	1016541	87.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	155608	39.51	ng	#	76
3) Pyridine	2.63	79	356903	37.46	ng	#	66
4) n-Nitrosodimethylamine	2.58	42	251591	37.26	ng	#	47
6) Aniline	6.25	93	505510	38.75	ng	#	88
8) 2-Chlorophenol	6.36	128	367314	39.43	ng		82
9) Benzaldehyde	6.12	77	200386	35.11	ng		98
10) Phenol	6.26	94	518808	40.19	ng		77
11) bis(2-Chloroethyl)ether	6.33	93	375328	38.72	ng		95
12) 1,3-Dichlorobenzene	6.51	146	385332m	38.91	ng		
13) 1,4-Dichlorobenzene	6.59	146	401996m	39.67	ng		
14) 1,2-Dichlorobenzene	6.75	146	355432	40.07	ng		97
15) Benzyl Alcohol	6.74	79	302697	39.59	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.87	45	763913	38.34	ng		66
17) 2-Methylphenol	6.87	107	277084	36.22	ng	#	74
18) Hexachloroethane	7.08	117	146333	37.78	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	310237	39.74	ng	#	74
20) 3+4-Methylphenols	7.03	107	393963	39.04	ng	#	61
22) Acetophenone	7.00	105	529385	40.24	ng	#	98
24) Nitrobenzene	7.18	77	454166	38.56	ng		97
25) Isophorone	7.42	82	731337	37.04	ng		99
26) 2-Nitrophenol	7.50	139	196312	40.24	ng	#	91
27) 2,4-Dimethylphenol	7.55	122	331953	39.87	ng		90
28) bis(2-Chloroethoxy)methane	7.63	93	406400	37.49	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	281366	38.35	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	322691	39.64	ng		100
31) Naphthalene	7.88	128	973588	37.07	ng		99
32) Benzoic acid	7.71	122	161004	32.44	ng	#	77
33) 4-Chloroaniline	7.95	127	408186	37.39	ng	#	89
34) Hexachlorobutadiene	8.01	225	193189	41.82	ng		99
35) Caprolactam	8.34	113	87930	35.99	ng	#	47
36) 4-Chloro-3-methylphenol	8.46	107	330753	37.38	ng		87
37) 2-Methylnaphthalene	8.58	142	667318	39.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	287218	40.67	ng		99
40) Hexachlorocyclopentadiene	8.73	237	31692	18.33	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	182338	39.81	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	184545	38.78	ng		96
45) 1,1'-Biphenyl	9.05	154	883758	44.08	ng		100
46) 2-Chloronaphthalene	9.07	162	609705	39.61	ng		97
47) 2-Nitroaniline	9.18	65	225058	38.15	ng	#	71
48) Acenaphthylene	9.47	152	890834	37.90	ng		99
49) Dimethylphthalate	9.36	163	766512	41.55	ng		100
50) 2,6-Dinitrotoluene	9.43	165	168489	42.06	ng	#	69
51) Acenaphthene	9.64	154	550586	37.49	ng		99
52) 3-Nitroaniline	9.60	138	173300	39.97	ng		87
53) 2,4-Dinitrophenol	9.71	184	34605	18.92	ng		89
54) Dibenzofuran	9.82	168	713854	37.59	ng		91
55) 4-Nitrophenol	9.79	139	69960m	35.60	ng		
56) 2,4-Dinitrotoluene	9.83	165	206724	40.30	ng		93
57) Fluorene	10.16	166	566087	37.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	142920	38.56	ng		97
59) Diethylphthalate	10.06	149	728573	41.37	ng		95
60) 4-Chlorophenyl-phenylether	10.16	204	315426	43.62	ng		90
61) 4-Nitroaniline	10.20	138	155738	36.38	ng	#	71
62) Azobenzene	10.32	77	825911	40.70	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	70773	25.78	ng		88
65) n-Nitrosodiphenylamine	10.28	169	582950	44.44	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	175576	40.96	ng		93
67) Hexachlorobenzene	10.71	284	212070	42.67	ng	#	90
68) Atrazine	10.81	200	147770	34.54	ng		94
69) Pentachlorophenol	10.91	266	67008	35.89	ng		96
70) Phenanthrene	11.12	178	854014	37.78	ng		99
71) Anthracene	11.17	178	887552	38.82	ng		100
72) Carbazole	11.34	167	753083	36.06	ng		98
73) Di-n-butylphthalate	11.67	149	1141546	47.58	ng		99
74) Fluoranthene	12.30	202	796791	35.18	ng		93
76) Benzidine	12.43	184	287460	38.14	ng		97
77) Pyrene	12.51	202	746260	39.22	ng		99
79) Butylbenzylphthalate	13.15	149	361394	45.00	ng		94
80) Benzo(a)anthracene	13.70	228	584642	38.39	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	473861	48.90	ng	#	97
82) Chrysene	13.74	228	596204	40.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	489717	50.10	ng		99
84) Di-n-octyl phthalate	14.32	149	805270	47.82	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	638787	49.40	ng		94
87) Benzo(b)fluoranthene	14.71	252	727081m	36.68	ng		
88) Benzo(k)fluoranthene	14.73	252	568445m	38.52	ng		
89) Benzo(a)pyrene	15.02	252	647686	39.09	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	544146	39.01	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	498775	35.40	ng	#	92

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

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