Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090838.D
Acq On : 26 Oct 2016 13:00
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
10/27/2016 3:44:18 PM

Quant Time: Oct 26 14:03:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 13:46:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	201193	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	820425	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	492451	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	793942	20.00	ng		0.00
75) Chrysene-d12	13.96	240	701312	20.00	ng		0.00
86) Perylene-d12	15.37	264	548455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	916729	73.48	ng		0.00
7) Phenol-d6	6.43	99	1301087	77.00	ng		0.00
23) Nitrobenzene-d5	7.37	82	1100251	73.55	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	389456	99.92	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2163340	68.20	ng		0.00
78) Terphenyl-d14	12.91	244	2329065	76.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	243298	33.70	ng	#	74
3) Pyridine	3.05	79	680443	40.23	ng	#	68
4) n-Nitrosodimethylamine	3.00	42	176811	30.55	ng	#	57
6) Aniline	6.45	93	751461	39.22	ng	#	54
8) 2-Chlorophenol	6.58	128	613954	41.00	ng		95
9) Benzaldehyde	6.34	77	320881	34.73	ng	#	86
10) Phenol	6.45	94	675453	35.56	ng	#	24
11) bis(2-Chloroethyl)ether	6.53	93	625482	39.19	ng		87
12) 1,3-Dichlorobenzene	6.73	146	614070m	40.82	ng		
13) 1,4-Dichlorobenzene	6.81	146	659426m	41.33	ng		
14) 1,2-Dichlorobenzene	6.97	146	587890	37.64	ng		98
15) Benzyl Alcohol	6.94	79	450017	39.21	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.07	45	648735	27.14	ng		60
17) 2-Methylphenol	7.06	107	469510	41.61	ng	#	85
18) Hexachloroethane	7.30	117	221493	34.20	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	404029	32.11	ng	#	69
20) 3+4-Methylphenols	7.22	107	568228	42.48	ng	#	86
22) Acetophenone	7.21	105	715332	39.12	ng	#	85
24) Nitrobenzene	7.38	77	525803	32.42	ng	#	70
25) Isophorone	7.62	82	1019436	36.00	ng	#	89
26) 2-Nitrophenol	7.70	139	352200	53.16	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	540936	46.05	ng	#	84
28) bis(2-Chloroethoxy)methane	7.84	93	655742	42.33	ng	#	93
29) 2,4-Dichlorophenol	7.94	162	464245	48.16	ng		92
30) 1,2,4-Trichlorobenzene	8.02	180	521952	46.01	ng		96
31) Naphthalene	8.10	128	1457852	36.33	ng		97
32) Benzoic acid	7.89	122	361781	44.37	ng	#	68
33) 4-Chloroaniline	8.16	127	718300	48.26	ng	#	93
34) Hexachlorobutadiene	8.22	225	328106	51.43	ng		99
35) Caprolactam	8.54	113	153494	55.75	ng	#	80
36) 4-Chloro-3-methylphenol	8.65	107	499629	44.56	ng		94
37) 2-Methylnaphthalene	8.80	142	1119314	47.72	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	505466	38.01	ng		98
40) Hexachlorocyclopentadiene	8.94	237	241016	38.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	330337	40.06	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	380760	45.50	ng		98
45) 1,1'-Biphenyl	9.26	154	1410453	36.47	ng		93
46) 2-Chloronaphthalene	9.29	162	1090962	37.95	ng		96
47) 2-Nitroaniline	9.38	65	296762	31.10	ng	#	75
48) Acenaphthylene	9.70	152	1698108	38.72	ng		95
49) Dimethylphthalate	9.57	163	1277137	41.27	ng	#	98
50) 2,6-Dinitrotoluene	9.63	165	314890	47.32	ng		92
51) Acenaphthene	9.87	154	1109100	38.09	ng		88
52) 3-Nitroaniline	9.80	138	318124	41.59	ng	#	90
53) 2,4-Dinitrophenol	9.90	184	154432	50.23	ng	#	87
54) Dibenzofuran	10.04	168	1455168	41.26	ng	#	88
55) 4-Nitrophenol	9.96	139	200674	45.47	ng	#	65
56) 2,4-Dinitrotoluene	10.03	165	389156	47.85	ng	#	92
57) Fluorene	10.38	166	1218157	41.67	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	296701	45.18	ng		98
59) Diethylphthalate	10.26	149	1215418	37.87	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	527251	39.47	ng	#	82
61) 4-Nitroaniline	10.42	138	309204	39.91	ng	#	68
62) Azobenzene	10.53	77	1099999	29.27	ng		85
64) 4,6-Dinitro-2-methylphenol	10.44	198	237420	46.95	ng	#	64
65) n-Nitrosodiphenylamine	10.50	169	979488	38.51	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	344628	44.78	ng		99
67) Hexachlorobenzene	10.93	284	441798	48.64	ng	#	83
68) Atrazine	11.02	200	255626	36.41	ng		86
69) Pentachlorophenol	11.13	266	231652	47.95	ng		98
70) Phenanthrene	11.35	178	1683610	41.60	ng		95
71) Anthracene	11.39	178	1604541	35.75	ng		96
72) Carbazole	11.55	167	1504402	40.09	ng	#	93
73) Di-n-butylphthalate	11.88	149	1864903	38.32	ng	#	97
74) Fluoranthene	12.53	202	1803424	46.07	ng		88
76) Benzidine	12.66	184	620802	39.87	ng	#	95
77) Pyrene	12.76	202	1836341m	37.49	ng		
79) Butylbenzylphthalate	13.38	149	776644	34.49	ng	#	84
80) Benzo(a)anthracene	13.95	228	1443266	37.61	ng		95
81) 3,3'-Dichlorobenzidine	13.92	252	626276	47.09	ng	#	94
82) Chrysene	13.99	228	1465839	39.13	ng		93
83) Bis(2-ethylhexyl)phthalate	13.95	149	1068299	33.16	ng		98
84) Di-n-octyl phthalate	14.56	149	1716269	35.11	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.75	276	1219394	37.31	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	1685496m	49.98	ng		
88) Benzo(k)fluoranthene	15.00	252	1124516m	33.18	ng		
89) Benzo(a)pyrene	15.32	252	1339985	42.35	ng	#	85
90) Dibenzo(a,h)anthracene	16.76	278	1081004	35.58	ng	#	81
91) Benzo(g,h,i)perylene	17.15	276	993975	33.73	ng	#	81

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

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