Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090806.D
Acq On : 24 Oct 2016 23:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/25/2016 4:23:51 PM

Quant Time: Oct 25 01:23:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	223580	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	876143	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	431374	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	567204	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	460113	20.00	ng		-0.01
86) Perylene-d12	15.44	264	375198	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1112016	80.21	ng		-0.02
7) Phenol-d6	6.49	99	1475910	78.60	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1288822	80.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	267920	78.47	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	2148508	77.32	ng		-0.02
78) Terphenyl-d14	12.96	244	1553278	77.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	220790	27.52	ng	#	67
3) Pyridine	3.13	79	819746	43.61	ng	#	76
4) n-Nitrosodimethylamine	3.09	42	241971	37.62	ng	#	70
6) Aniline	6.50	93	837161	39.32	ng	#	17
8) 2-Chlorophenol	6.62	128	646881	38.87	ng		92
9) Benzaldehyde	6.38	77	402963	39.25	ng	#	76
10) Phenol	6.50	94	832143	39.42	ng	#	39
11) bis(2-Chloroethyl)ether	6.58	93	666613	37.59	ng		93
12) 1,3-Dichlorobenzene	6.78	146	640727	38.33	ng	#	95
13) 1,4-Dichlorobenzene	6.85	146	660067	37.23	ng	#	89
14) 1,2-Dichlorobenzene	7.01	146	671740	38.70	ng		96
15) Benzyl Alcohol	6.99	79	510589	40.03	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.11	45	857098	32.27	ng		69
17) 2-Methylphenol	7.10	107	511608	40.80	ng	#	84
18) Hexachloroethane	7.35	117	216352	30.06	ng	#	72
19) n-Nitroso-di-n-propylamine	7.26	70	467324	33.42	ng	#	69
20) 3+4-Methylphenols	7.26	107	588913	39.62	ng	#	82
22) Acetophenone	7.25	105	769294	39.40	ng	#	84
24) Nitrobenzene	7.42	77	641363	37.04	ng	#	65
25) Isophorone	7.66	82	1165011	38.53	ng	#	87
26) 2-Nitrophenol	7.74	139	246039	34.78	ng	#	78
27) 2,4-Dimethylphenol	7.79	122	554921	44.24	ng	#	83
28) bis(2-Chloroethoxy)methane	7.88	93	708906	42.85	ng	#	95
29) 2,4-Dichlorophenol	7.98	162	418771	40.68	ng		86
30) 1,2,4-Trichlorobenzene	8.06	180	494403	40.81	ng	#	95
31) Naphthalene	8.14	128	1591081	37.12	ng		97
32) Benzoic acid	7.91	122	283325	34.55	ng	#	63
33) 4-Chloroaniline	8.20	127	744044	46.81	ng	#	91
34) Hexachlorobutadiene	8.27	225	315665	46.34	ng		99
35) Caprolactam	8.58	113	131740	44.80	ng		88
36) 4-Chloro-3-methylphenol	8.68	107	475195	39.68	ng	#	76
37) 2-Methylnaphthalene	8.84	142	1117133	44.60	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	441282	37.88	ng		99
40) Hexachlorocyclopentadiene	8.99	237	53986	9.87	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	285940	39.58	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	317712	43.34	ng	#	96
45) 1,1'-Biphenyl	9.31	154	1280683	37.80	ng		94
46) 2-Chloronaphthalene	9.33	162	1002298	39.81	ng		97
47) 2-Nitroaniline	9.42	65	341383	40.85	ng	#	69
48) Acenaphthylene	9.74	152	1547398	40.28	ng		95
49) Dimethylphthalate	9.61	163	1072235	39.56	ng	#	97
50) 2,6-Dinitrotoluene	9.66	165	213373	36.60	ng	#	34
51) Acenaphthene	9.91	154	913590	35.82	ng		88
52) 3-Nitroaniline	9.83	138	289054	43.14	ng	#	51
53) 2,4-Dinitrophenol	9.95	184	6935	6.30	ng	#	1
54) Dibenzofuran	10.09	168	1263494	40.89	ng	#	87
55) 4-Nitrophenol	10.01	139	126103	34.30	ng	#	64
56) 2,4-Dinitrotoluene	10.07	165	279611	39.25	ng	#	97
57) Fluorene	10.43	166	1050062	41.01	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	207015	35.99	ng		94
59) Diethylphthalate	10.30	149	1065198	37.89	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	454040	38.80	ng	#	81
61) 4-Nitroaniline	10.45	138	276268	40.71	ng	#	52
62) Azobenzene	10.58	77	1129747	34.32	ng		84
64) 4,6-Dinitro-2-methylphenol	10.49	198	16818	8.42	ng		93
65) n-Nitrosodiphenylamine	10.54	169	868820	47.81	ng		90
66) 4-Bromophenyl-phenylether	10.91	248	270057	49.11	ng		97
67) Hexachlorobenzene	10.98	284	311435	48.00	ng	#	86
68) Atrazine	11.07	200	214612	42.79	ng		84
69) Pentachlorophenol	11.17	266	126316	38.78	ng		98
70) Phenanthrene	11.39	178	1267903	43.86	ng		95
71) Anthracene	11.43	178	1241157	38.71	ng		96
72) Carbazole	11.59	167	1126347	42.02	ng	#	94
73) Di-n-butylphthalate	11.93	149	1456154	41.88	ng	#	97
74) Fluoranthene	12.58	202	1159101	41.44	ng		90
76) Benzidine	12.70	184	477353	46.72	ng		97
77) Pyrene	12.81	202	1189796	37.02	ng		96
79) Butylbenzylphthalate	13.42	149	547968	37.10	ng	#	81
80) Benzo(a)anthracene	14.00	228	1021467	40.57	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	413118	47.35	ng	#	93
82) Chrysene	14.03	228	1044302	42.49	ng		93
83) Bis(2-ethylhexyl)phthalate	13.98	149	755638	35.76	ng	#	91
84) Di-n-octyl phthalate	14.60	149	1315212	41.00	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.83	276	867489	40.46	ng	#	95
87) Benzo(b)fluoranthene	15.02	252	905181	39.24	ng	#	90
88) Benzo(k)fluoranthene	15.06	252	963732m	41.57	ng		
89) Benzo(a)pyrene	15.38	252	885234	40.90	ng	#	87
90) Dibenzo(a,h)anthracene	16.84	278	764085	36.77	ng	#	88
91) Benzo(g,h,i)perylene	17.25	276	679825	33.72	ng	#	83

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

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