Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090808.D
Acq On : 25 Oct 2016 15:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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10/26/2016 4:45:11 PM

Quant Time: Oct 25 17:12:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	202947	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	873939	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	487969	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	756233	20.00	ng		0.00
75) Chrysene-d12	13.96	240	569345	20.00	ng		0.00
86) Perylene-d12	15.38	264	417449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	949752	75.47	ng		0.00
7) Phenol-d6	6.44	99	1239456	72.72	ng		0.00
23) Nitrobenzene-d5	7.37	82	1122355	70.44	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	374896	97.07	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2125043	67.60	ng		0.00
78) Terphenyl-d14	12.92	244	2157632	86.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	237163	32.57	ng	#	79
3) Pyridine	3.06	79	649226	38.05	ng	#	73
4) n-Nitrosodimethylamine	3.01	42	195875	33.55	ng	#	63
6) Aniline	6.46	93	766778	39.68	ng	#	76
8) 2-Chlorophenol	6.59	128	565059	37.41	ng		96
9) Benzaldehyde	6.34	77	325775	34.96	ng	#	69
10) Phenol	6.45	94	647491	33.79	ng	#	46
11) bis(2-Chloroethyl)ether	6.54	93	602069	37.40	ng		87
12) 1,3-Dichlorobenzene	6.74	146	591239	38.96	ng	#	92
13) 1,4-Dichlorobenzene	6.82	146	623331	38.73	ng	#	93
14) 1,2-Dichlorobenzene	6.97	146	529012m	33.57	ng		
15) Benzyl Alcohol	6.94	79	426826	36.87	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.08	45	709639	29.43	ng		69
17) 2-Methylphenol	7.07	107	458134	40.25	ng	#	84
18) Hexachloroethane	7.31	117	214415	32.82	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	413779	32.60	ng	#	67
20) 3+4-Methylphenols	7.22	107	504687	37.41	ng	#	49
22) Acetophenone	7.22	105	719791	36.96	ng	#	85
24) Nitrobenzene	7.39	77	643164	37.23	ng	#	70
25) Isophorone	7.63	82	1057984	35.08	ng	#	88
26) 2-Nitrophenol	7.71	139	310476	44.00	ng	#	82
27) 2,4-Dimethylphenol	7.76	122	487866	38.99	ng		86
28) bis(2-Chloroethoxy)methane	7.85	93	659576	39.97	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	433601	42.22	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	476150	39.40	ng		97
31) Naphthalene	8.11	128	1506760	35.25	ng		97
32) Benzoic acid	7.90	122	390251	44.83	ng	#	66
33) 4-Chloroaniline	8.17	127	663520	41.85	ng	#	94
34) Hexachlorobutadiene	8.24	225	282251	41.54	ng		100
35) Caprolactam	8.54	113	131725	44.91	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	463248	38.78	ng	#	77
37) 2-Methylnaphthalene	8.81	142	1062045	42.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	452141	34.31	ng		99
40) Hexachlorocyclopentadiene	8.96	237	179553	29.03	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	304859	37.31	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	336558	40.59	ng		98
45) 1,1'-Biphenyl	9.26	154	1229051	32.07	ng		90
46) 2-Chloronaphthalene	9.29	162	971327	34.10	ng	#	89
47) 2-Nitroaniline	9.39	65	323242	34.19	ng	#	77
48) Acenaphthylene	9.71	152	1595966	36.72	ng		96
49) Dimethylphthalate	9.57	163	1054812	34.40	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	255349	38.73	ng	#	47
51) Acenaphthene	9.88	154	1070613	37.11	ng		89
52) 3-Nitroaniline	9.80	138	293516	38.73	ng	#	59
53) 2,4-Dinitrophenol	9.90	184	115950	41.22	ng	#	30
54) Dibenzofuran	10.05	168	1403712	40.16	ng	#	89
55) 4-Nitrophenol	9.97	139	176373	41.00	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	366613	45.49	ng	#	95
57) Fluorene	10.40	166	1141916	39.43	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.17	232	260133m	39.98	ng		
59) Diethylphthalate	10.27	149	1098579	34.54	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	506028	38.23	ng	#	87
61) 4-Nitroaniline	10.42	138	295834	38.54	ng	#	54
62) Azobenzene	10.54	77	1147979	30.83	ng		85
64) 4,6-Dinitro-2-methylphenol	10.44	198	174015	37.09	ng		87
65) n-Nitrosodiphenylamine	10.51	169	961762	39.70	ng		90
66) 4-Bromophenyl-phenylether	10.88	248	325053	44.34	ng		96
67) Hexachlorobenzene	10.94	284	386297	44.65	ng	#	79
68) Atrazine	11.04	200	250794	37.50	ng		86
69) Pentachlorophenol	11.14	266	205096	45.30	ng		98
70) Phenanthrene	11.36	178	1589477	41.24	ng		96
71) Anthracene	11.40	178	1466155	34.30	ng		96
72) Carbazole	11.56	167	1409093	39.42	ng		94
73) Di-n-butylphthalate	11.89	149	1678037	36.20	ng	#	96
74) Fluoranthene	12.53	202	1444403	38.74	ng		96
76) Benzidine	12.67	184	406808	32.18	ng		98
77) Pyrene	12.76	202	1442707	36.28	ng		95
79) Butylbenzylphthalate	13.39	149	706730	38.67	ng	#	85
80) Benzo(a)anthracene	13.95	228	1154565	37.06	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	436901	40.47	ng	#	91
82) Chrysene	14.00	228	1221455	40.17	ng		94
83) Bis(2-ethylhexyl)phthalate	13.95	149	1086671	41.55	ng	#	92
84) Di-n-octyl phthalate	14.57	149	1603595	40.40	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.76	276	968230	36.50	ng	#	93
87) Benzo(b)fluoranthene	14.98	252	942661m	36.72	ng		
88) Benzo(k)fluoranthene	15.01	252	970427m	37.62	ng		
89) Benzo(a)pyrene	15.32	252	874386	36.31	ng	#	90
90) Dibenzo(a,h)anthracene	16.77	278	838092	36.24	ng	#	81
91) Benzo(g,h,i)perylene	17.16	276	791948	35.31	ng	#	84

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

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