Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084153.D
Acq On : 26 Dec 2015 2:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/28/2015 5:58:45 PM

Quant Time: Dec 26 06:19:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50536	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	189967	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	74205	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	129220	20.00	ng		0.00
75) Chrysene-d12	13.96	240	115462	20.00	ng		0.00
86) Perylene-d12	15.38	264	84541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	259129	86.93	ng		0.00
7) Phenol-d6	6.46	99	307955	83.49	ng		0.01
23) Nitrobenzene-d5	7.37	82	255168	78.63	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	56735	71.70	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	452439	83.43	ng		0.00
78) Terphenyl-d14	12.90	244	415854	65.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	49944	40.88	ng		100
3) Pyridine	3.05	79	135606	45.45	ng		97
4) n-Nitrosodimethylamine	2.99	42	53324	40.56	ng		98
6) Aniline	6.46	93	195928	42.02	ng		96
8) 2-Chlorophenol	6.59	128	146868	39.68	ng		99
9) Benzaldehyde	6.35	77	80881	41.00	ng		92
10) Phenol	6.48	94	178408	42.29	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	124147	40.81	ng		94
12) 1,3-Dichlorobenzene	6.74	146	161069m	39.86	ng		
13) 1,4-Dichlorobenzene	6.82	146	172886	42.51	ng		94
14) 1,2-Dichlorobenzene	6.98	146	144712m	38.62	ng		
15) Benzyl Alcohol	6.96	79	109095	39.06	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	118567	39.90	ng	#	12
17) 2-Methylphenol	7.08	107	106848	37.59	ng	#	89
18) Hexachloroethane	7.31	117	42770	28.82	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	85114	37.46	ng	#	85
20) 3+4-Methylphenols	7.23	107	144160	39.76	ng	#	50
22) Acetophenone	7.22	105	201179	42.38	ng	#	87
24) Nitrobenzene	7.39	77	152630	44.29	ng		94
25) Isophorone	7.63	82	249397	41.54	ng		95
26) 2-Nitrophenol	7.71	139	32621	18.50	ng		95
27) 2,4-Dimethylphenol	7.76	122	120417	41.14	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	132786	37.94	ng		99
29) 2,4-Dichlorophenol	7.96	162	101577	37.36	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	115708	38.84	ng		99
31) Naphthalene	8.11	128	412063	40.77	ng		99
32) Benzoic acid	7.87	122	27404m	19.53	ng		
33) 4-Chloroaniline	8.17	127	158428	39.39	ng	#	88
34) Hexachlorobutadiene	8.24	225	68122	40.09	ng		98
35) Caprolactam	8.53	113	27738	36.79	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	115526	37.79	ng		94
37) 2-Methylnaphthalene	8.80	142	224939	35.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	100940	43.15	ng		99
42) 2,4,6-Trichlorophenol	9.09	196	58116	38.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	58398	38.25	ng		97
45) 1,1'-Biphenyl	9.26	154	308571	46.03	ng		98
46) 2-Chloronaphthalene	9.29	162	216512	42.48	ng		97
47) 2-Nitroaniline	9.39	65	66008	48.74	ng	#	68
48) Acenaphthylene	9.70	152	335128	40.04	ng		100
49) Dimethylphthalate	9.56	163	251557	40.93	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	45940	35.22	ng		95
51) Acenaphthene	9.87	154	187663	38.55	ng		99
52) 3-Nitroaniline	9.80	138	69426	49.59	ng	#	79
54) Dibenzofuran	10.04	168	253957	37.94	ng	#	90
55) 4-Nitrophenol	10.00	139	24398	34.14	ng		98
56) 2,4-Dinitrotoluene	10.04	165	45796	26.59	ng	#	85
57) Fluorene	10.38	166	209759	36.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	40536	37.25	ng	#	94
59) Diethylphthalate	10.26	149	239719	38.40	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	96235	36.67	ng	#	74
61) 4-Nitroaniline	10.41	138	63443	49.03	ng		97
62) Azobenzene	10.53	77	187163	36.39	ng		87
65) n-Nitrosodiphenylamine	10.50	169	201356	43.71	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	60002	40.08	ng	#	74
67) Hexachlorobenzene	10.94	284	64301	39.23	ng	#	90
68) Atrazine	11.02	200	49607	35.76	ng		98
69) Pentachlorophenol	11.14	266	22780	45.90	ng		98
70) Phenanthrene	11.34	178	288772	37.70	ng		99
71) Anthracene	11.40	178	315780	39.42	ng		98
72) Carbazole	11.56	167	268945	39.47	ng		97
73) Di-n-butylphthalate	11.88	149	342649	39.03	ng	#	98
74) Fluoranthene	12.53	202	307703	36.85	ng		97
76) Benzidine	12.66	184	188035	47.92	ng		99
77) Pyrene	12.76	202	311396	31.26	ng		99
79) Butylbenzylphthalate	13.38	149	164727	39.95	ng		88
80) Benzo(a)anthracene	13.95	228	265814	37.43	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	105886	49.23	ng	#	93
82) Chrysene	13.99	228	241149	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	208987	39.22	ng	#	99
84) Di-n-octyl phthalate	14.55	149	334451	44.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	194617	29.67	ng		98
87) Benzo(b)fluoranthene	14.98	252	219328m	34.93	ng		
88) Benzo(k)fluoranthene	15.00	252	219642m	51.62	ng		
89) Benzo(a)pyrene	15.32	252	196175	37.93	ng	#	94
90) Dibenzo(a,h)anthracene	16.79	278	165141	32.72	ng		96
91) Benzo(g,h,i)perylene	17.20	276	154514	29.99	ng		98

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

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