Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082188.D
Acq On : 10 Oct 2015 21:10
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:37:45 PM

Quant Time: Oct 12 02:54:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103216	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	407303	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	207097	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	381885	20.00	ng		0.00
75) Chrysene-d12	14.01	240	344691	20.00	ng		0.00
86) Perylene-d12	15.44	264	275410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	442629	86.55	ng		0.00
7) Phenol-d6	6.48	99	564177	84.77	ng		0.00
23) Nitrobenzene-d5	7.42	82	511593	84.35	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	148475	76.45	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1063342	85.15	ng		0.00
78) Terphenyl-d14	12.96	244	1047754	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	103666	40.34	ng		97
3) Pyridine	3.14	79	248806	41.63	ng		99
4) n-Nitrosodimethylamine	3.11	42	105101	41.47	ng		97
6) Aniline	6.50	93	365707	42.62	ng		99
8) 2-Chlorophenol	6.62	128	245422	39.31	ng	#	79
9) Benzaldehyde	6.39	77	142498	41.93	ng		99
10) Phenol	6.49	94	328158	42.77	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	266069	41.00	ng		98
12) 1,3-Dichlorobenzene	6.78	146	304757	41.92	ng		99
13) 1,4-Dichlorobenzene	6.86	146	314598	41.43	ng		99
14) 1,2-Dichlorobenzene	7.01	146	267947	37.16	ng		99
15) Benzyl Alcohol	6.98	79	184555	40.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	339085	37.53	ng		99
17) 2-Methylphenol	7.10	107	200075	40.53	ng		99
18) Hexachloroethane	7.35	117	103455	39.81	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	172471	36.90	ng	#	85
20) 3+4-Methylphenols	7.26	107	237001	40.29	ng		98
22) Acetophenone	7.26	105	331987	41.20	ng		98
24) Nitrobenzene	7.43	77	254324	38.74	ng		99
25) Isophorone	7.67	82	484669	39.59	ng		99
26) 2-Nitrophenol	7.75	139	146844	44.79	ng		97
27) 2,4-Dimethylphenol	7.78	122	214381	40.59	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	308621	43.33	ng		99
29) 2,4-Dichlorophenol	7.99	162	234673	44.45	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	250375	41.14	ng		98
31) Naphthalene	8.15	128	694122	39.31	ng		100
32) Benzoic acid	7.91	122	101642	28.68	ng		97
33) 4-Chloroaniline	8.21	127	317488	43.30	ng		98
34) Hexachlorobutadiene	8.26	225	154154	40.65	ng		98
35) Caprolactam	8.58	113	62560	40.83	ng	#	77
36) 4-Chloro-3-methylphenol	8.69	107	212488	41.16	ng		100
37) 2-Methylnaphthalene	8.85	142	499780	40.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	248673	40.37	ng		98
40) Hexachlorocyclopentadiene	8.99	237	102691	37.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	158888	38.84	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	181717	41.00	ng		98
45) 1,1'-Biphenyl	9.30	154	586952	37.17	ng		99
46) 2-Chloronaphthalene	9.34	162	489711	39.39	ng		99
47) 2-Nitroaniline	9.43	65	135565	39.72	ng		99
48) Acenaphthylene	9.75	152	787962	40.69	ng		100
49) Dimethylphthalate	9.61	163	532363	36.50	ng		100
50) 2,6-Dinitrotoluene	9.68	165	135815	44.14	ng		93
51) Acenaphthene	9.92	154	468155	40.27	ng		100
52) 3-Nitroaniline	9.85	138	147827	42.53	ng		99
53) 2,4-Dinitrophenol	9.95	184	32297	23.68	ng		91
54) Dibenzofuran	10.09	168	667864	41.84	ng		99
55) 4-Nitrophenol	10.01	139	77747	40.24	ng		96
56) 2,4-Dinitrotoluene	10.08	165	165782	43.11	ng		97
57) Fluorene	10.43	166	533137	40.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	139534	38.53	ng		99
59) Diethylphthalate	10.31	149	547432	40.27	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	237257	39.51	ng		97
61) 4-Nitroaniline	10.47	138	143721	42.63	ng		96
62) Azobenzene	10.58	77	508357	38.21	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	61132	28.53	ng		86
65) n-Nitrosodiphenylamine	10.55	169	492896	43.11	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	161069	42.14	ng		98
67) Hexachlorobenzene	10.97	284	162401	39.29	ng	#	62
68) Atrazine	11.07	200	143205	39.53	ng		99
69) Pentachlorophenol	11.18	266	79859	37.55	ng		96
70) Phenanthrene	11.39	178	769181	41.09	ng		100
71) Anthracene	11.45	178	819618	42.49	ng		99
72) Carbazole	11.60	167	688521	39.13	ng		99
73) Di-n-butylphthalate	11.93	149	888422	40.93	ng		100
74) Fluoranthene	12.58	202	841240	41.84	ng		99
76) Benzidine	12.71	184	400896	40.13	ng		100
77) Pyrene	12.81	202	827624	40.46	ng		100
79) Butylbenzylphthalate	13.43	149	369033	39.53	ng		99
80) Benzo(a)anthracene	14.00	228	720677	40.18	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	266653	39.17	ng		99
82) Chrysene	14.04	228	663588	35.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	547873	41.14	ng		100
84) Di-n-octyl phthalate	14.60	149	872671	38.15	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	585879	39.01	ng		99
87) Benzo(b)fluoranthene	15.03	252	588177m	35.10	ng		
88) Benzo(k)fluoranthene	15.06	252	664972m	47.22	ng		
89) Benzo(a)pyrene	15.38	252	563245	39.11	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	484376	41.05	ng		99
91) Benzo(g,h,i)perylene	17.28	276	463274	40.41	ng		99

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

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