Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084078.D
Acq On : 24 Dec 2015 14:35
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/28/2015 1:08:44 PM

Quant Time: Dec 24 15:15:29 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 15:05:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46251	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	188170	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	86458	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	155749	20.00	ng		0.00
75) Chrysene-d12	13.96	240	108754	20.00	ng		0.00
86) Perylene-d12	15.38	264	87663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	225981	83.31	ng		0.00
7) Phenol-d6	6.45	99	256017	80.27	ng		0.00
23) Nitrobenzene-d5	7.37	82	244897	79.95	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	68342	82.18	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	480256	74.76	ng		0.00
78) Terphenyl-d14	12.90	244	449569	98.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	46017	35.63	ng		99
3) Pyridine	3.07	79	107103	36.43	ng		98
4) n-Nitrosodimethylamine	3.01	42	46983	43.00	ng		94
6) Aniline	6.46	93	174937	39.63	ng	#	75
8) 2-Chlorophenol	6.59	128	140037	44.83	ng		94
9) Benzaldehyde	6.35	77	71001	33.33	ng		85
10) Phenol	6.46	94	141929	38.47	ng	#	54
11) bis(2-Chloroethyl)ether	6.53	93	108282	38.40	ng		94
12) 1,3-Dichlorobenzene	6.74	146	151068m	43.53	ng		
13) 1,4-Dichlorobenzene	6.82	146	151354m	44.66	ng		
14) 1,2-Dichlorobenzene	6.97	146	131776	40.68	ng		97
15) Benzyl Alcohol	6.96	79	101189	40.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103295	37.95	ng	#	54
17) 2-Methylphenol	7.07	107	97852	39.32	ng	#	92
18) Hexachloroethane	7.31	117	54582	43.92	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	79458	41.11	ng	#	86
20) 3+4-Methylphenols	7.23	107	131272	42.75	ng	#	49
22) Acetophenone	7.22	105	186817	42.31	ng	#	90
24) Nitrobenzene	7.39	77	140364	44.46	ng		92
25) Isophorone	7.63	82	234810	40.46	ng		97
26) 2-Nitrophenol	7.71	139	69332	40.81	ng	#	91
27) 2,4-Dimethylphenol	7.76	122	122624	41.41	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	122231	34.00	ng		100
29) 2,4-Dichlorophenol	7.95	162	101975	38.55	ng		92
30) 1,2,4-Trichlorobenzene	8.03	180	118517	42.95	ng		96
31) Naphthalene	8.11	128	400570	41.67	ng		99
32) Benzoic acid	7.88	122	50682	40.37	ng		93
33) 4-Chloroaniline	8.16	127	147074	37.41	ng		98
34) Hexachlorobutadiene	8.22	225	62237	37.73	ng		99
35) Caprolactam	8.53	113	31687	39.86	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	123569	43.67	ng		98
37) 2-Methylnaphthalene	8.80	142	228981	36.78	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	110794	42.63	ng		99
40) Hexachlorocyclopentadiene	8.96	237	21836	36.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70161	44.83	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	72313	44.39	ng	#	82
45) 1,1'-Biphenyl	9.26	154	330633	43.26	ng		97
46) 2-Chloronaphthalene	9.29	162	242599	44.09	ng		96
47) 2-Nitroaniline	9.39	65	65772	43.85	ng	#	59
48) Acenaphthylene	9.70	152	373086	42.82	ng		100
49) Dimethylphthalate	9.57	163	278831	41.21	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	65937	46.18	ng	#	87
51) Acenaphthene	9.87	154	218073	42.09	ng		99
52) 3-Nitroaniline	9.80	138	69902	46.09	ng	#	79
53) 2,4-Dinitrophenol	9.92	184	15460	30.81	ng		99
54) Dibenzofuran	10.04	168	291070	37.53	ng		91
55) 4-Nitrophenol	9.98	139	33181	37.23	ng		98
56) 2,4-Dinitrotoluene	10.03	165	75961	42.32	ng	#	78
57) Fluorene	10.38	166	250926	40.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	51112	39.79	ng		98
59) Diethylphthalate	10.26	149	263995	39.70	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	112377	39.91	ng	#	81
61) 4-Nitroaniline	10.41	138	61911	39.90	ng		92
62) Azobenzene	10.53	77	234104	39.88	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	32087	35.24	ng		78
65) n-Nitrosodiphenylamine	10.50	169	232174	40.36	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	72875	40.81	ng	#	77
67) Hexachlorobenzene	10.93	284	75339	38.65	ng	#	71
68) Atrazine	11.02	200	60849	34.99	ng		96
69) Pentachlorophenol	11.14	266	21450	35.29	ng		98
70) Phenanthrene	11.34	178	374328	42.52	ng		99
71) Anthracene	11.40	178	375101	41.96	ng		99
72) Carbazole	11.55	167	309838	37.07	ng		99
73) Di-n-butylphthalate	11.88	149	403334	38.86	ng	#	98
74) Fluoranthene	12.53	202	401749	46.02	ng		95
76) Benzidine	12.65	184	152340	39.28	ng		99
77) Pyrene	12.76	202	389526	52.79	ng		99
79) Butylbenzylphthalate	13.38	149	157114	46.30	ng	#	76
80) Benzo(a)anthracene	13.95	228	265309	42.31	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	88450	37.50	ng	#	94
82) Chrysene	13.99	228	262290	45.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	208609	44.33	ng	#	96
84) Di-n-octyl phthalate	14.55	149	300200	41.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	257192	53.41	ng		99
87) Benzo(b)fluoranthene	14.97	252	260627m	47.16	ng		
88) Benzo(k)fluoranthene	15.00	252	167406m	31.85	ng		
89) Benzo(a)pyrene	15.32	252	207128	40.47	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	213004	50.22	ng	#	93
91) Benzo(g,h,i)perylene	17.19	276	216599	50.49	ng		97

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

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