Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077684.D
Acq On : 11 Mar 2015 12:37
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/13/2015 9:39:47 AM

Quant Time: Mar 12 02:21:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 01:42:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49190	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	202519	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	102736	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	194180	20.00	ng		0.00
75) Chrysene-d12	16.03	240	204897	20.00	ng		0.00
86) Perylene-d12	17.72	264	194093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	218175	76.57	ng		0.00
7) Phenol-d6	6.74	99	276371	74.97	ng		0.00
23) Nitrobenzene-d5	7.86	82	238756	81.66	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	79255	89.31	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	536360	79.53	ng		0.00
78) Terphenyl-d14	14.75	244	707655	79.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	51517	40.80	ng	#	100
3) Pyridine	2.75	79	134094	40.70	ng		100
4) n-Nitrosodimethylamine	2.68	42	64478	40.05	ng		100
6) Aniline	6.76	93	192898	36.95	ng		100
8) 2-Chlorophenol	6.90	128	128421	38.49	ng		100
9) Benzaldehyde	6.61	77	56493	26.03	ng		100
10) Phenol	6.75	94	159044	37.04	ng		100
11) bis(2-Chloroethyl)ether	6.86	93	121743	37.70	ng		100
12) 1,3-Dichlorobenzene	7.09	146	143329	38.14	ng		100
13) 1,4-Dichlorobenzene	7.20	146	146354	37.75	ng		100
14) 1,2-Dichlorobenzene	7.38	146	135280	36.40	ng		100
15) Benzyl Alcohol	7.36	79	107323	38.23	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.54	45	161205	33.77	ng		100
17) 2-Methylphenol	7.50	107	108368	40.45	ng		100
18) Hexachloroethane	7.79	117	47737	37.90	ng		100
19) n-Nitroso-di-n-propylamine	7.69	70	92746	36.44	ng		100
20) 3+4-Methylphenols	7.70	107	137787	39.71	ng		100
22) Acetophenone	7.68	105	176121	37.57	ng		100
24) Nitrobenzene	7.88	77	125830	40.16	ng		100
25) Isophorone	8.19	82	248580	38.23	ng		100
26) 2-Nitrophenol	8.28	139	68923	72.60	ng		100
27) 2,4-Dimethylphenol	8.35	122	118765	39.75	ng		100
28) bis(2-Chloroethoxy)methane	8.46	93	147298	35.72	ng		100
29) 2,4-Dichlorophenol	8.58	162	113257	43.62	ng		100
30) 1,2,4-Trichlorobenzene	8.68	180	125290	38.62	ng		100
31) Naphthalene	8.77	128	407480	40.14	ng		100
32) Benzoic acid	8.45	122	62480	72.14	ng		100
33) 4-Chloroaniline	8.85	127	170763	39.54	ng		100
34) Hexachlorobutadiene	8.93	225	69871	39.35	ng		100
35) Caprolactam	9.26	113	33174	41.81	ng		100
36) 4-Chloro-3-methylphenol	9.46	107	110682	39.25	ng		100
37) 2-Methylnaphthalene	9.63	142	281409	38.83	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	121183	40.83	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	56539	39.24	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	87926	51.62	ng		100
43) 2,4,5-Trichlorophenol	10.03	196	90509	49.53	ng		100
45) 1,1'-Biphenyl	10.21	154	330017	40.34	ng		100
46) 2-Chloronaphthalene	10.24	162	259980	42.39	ng		100
47) 2-Nitroaniline	10.36	65	70028	56.71	ng		100
48) Acenaphthylene	10.74	152	431128	42.74	ng		100
49) Dimethylphthalate	10.60	163	296776	41.82	ng		100
50) 2,6-Dinitrotoluene	10.67	165	63232	52.51	ng		100
51) Acenaphthene	10.96	154	253105	42.04	ng		100
52) 3-Nitroaniline	10.88	138	75076	51.95	ng		100
53) 2,4-Dinitrophenol	11.00	184	19209	85.76	ng		100
54) Dibenzofuran	11.17	168	374661	41.38	ng		100
55) 4-Nitrophenol	11.09	139	58040	58.22	ng		100
56) 2,4-Dinitrotoluene	11.16	165	82166	57.23	ng		100
57) Fluorene	11.60	166	313677	43.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	71029	52.03	ng	#	100
59) Diethylphthalate	11.48	149	295142	40.37	ng		100
60) 4-Chlorophenyl-phenylether	11.61	204	140175	40.85	ng		100
61) 4-Nitroaniline	11.63	138	73878	52.79	ng		100
62) Azobenzene	11.80	77	305638	42.55	ng		100
64) 4,6-Dinitro-2-methylphenol	11.67	198	34696	86.12	ng		100
65) n-Nitrosodiphenylamine	11.76	169	265353	42.02	ng		100
66) 4-Bromophenyl-phenylether	12.21	248	85197	39.79	ng		100
67) Hexachlorobenzene	12.27	284	92218	38.13	ng		100
68) Atrazine	12.43	200	76238	40.18	ng		100
69) Pentachlorophenol	12.52	266	44518	49.23	ng		100
70) Phenanthrene	12.79	178	447841	39.98	ng		100
71) Anthracene	12.84	178	429493	38.69	ng		100
72) Carbazole	13.05	167	405558	41.45	ng		100
73) Di-n-butylphthalate	13.51	149	470635	39.44	ng		100
74) Fluoranthene	14.26	202	522637	45.21	ng		100
76) Benzidine	14.43	184	209134	34.38	ng		100
77) Pyrene	14.53	202	558375	43.84	ng		100
79) Butylbenzylphthalate	15.37	149	206246	45.10	ng		100
80) Benzo(a)anthracene	16.02	228	467539	39.44	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	152149	39.29	ng		100
82) Chrysene	16.07	228	433710	38.74	ng		100
83) Bis(2-ethylhexyl)phthalate	16.09	149	301317	38.99	ng		100
84) Di-n-octyl phthalate	16.87	149	511076	42.44	ng		100
85) Indeno(1,2,3-cd)pyrene	19.11	276	505167	39.46	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	503671	40.24	ng		100
88) Benzo(k)fluoranthene	17.32	252	376193m	37.61	ng		
89) Benzo(a)pyrene	17.67	252	417120	38.92	ng		100
90) Dibenzo(a,h)anthracene	19.14	278	411872	38.00	ng		100
91) Benzo(g,h,i)perylene	19.52	276	425621	39.07	ng		100

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

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