Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077291.D
Acq On : 12 Feb 2015 18:50
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF021215

Manual Integrations APPROVED
mohammad
2/13/2015 5:40:16 PM

Quant Time: Feb 13 11:50:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 03:50:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	28735	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	119699	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	66422	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	112416	20.00	ng		0.00
75) Chrysene-d12	20.96	240	107668	20.00	ng		0.00
86) Perylene-d12	22.58	264	91626	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	145232	79.25	ng		0.00
7) Phenol-d6	6.93	99	185414	81.53	ng		0.00
23) Nitrobenzene-d5	8.82	82	187001	89.24	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	47335	87.39	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	367715	83.32	ng		0.00
78) Terphenyl-d14	19.70	244	400722	83.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.00	88	23533	33.94	ng		94
3) Pyridine	1.41	79	72924	39.69	ng		94
4) n-Nitrosodimethylamine	1.38	42	33774m	33.34	ng		
6) Aniline	6.78	93	126596	42.08	ng		96
8) 2-Chlorophenol	7.02	128	82631	39.63	ng		97
9) Benzaldehyde	6.50	77	56926	40.65	ng		98
10) Phenol	6.96	94	91045	38.95	ng		96
11) bis(2-Chloroethyl)ether	7.05	93	75883	40.73	ng		99
12) 1,3-Dichlorobenzene	7.33	146	92216	40.01	ng		99
13) 1,4-Dichlorobenzene	7.54	146	93621	39.39	ng		96
14) 1,2-Dichlorobenzene	7.85	146	91496	40.63	ng		97
15) Benzyl Alcohol	7.96	79	76753	42.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	104687	40.10	ng		92
17) 2-Methylphenol	8.32	107	65885	40.85	ng	#	89
18) Hexachloroethane	8.59	117	35583	41.21	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	63973	40.00	ng		97
20) 3+4-Methylphenols	8.70	107	81100	39.02	ng		90
22) Acetophenone	8.51	105	128092	44.55	ng		98
24) Nitrobenzene	8.85	77	87702	42.21	ng		98
25) Isophorone	9.46	82	165480	43.81	ng		97
26) 2-Nitrophenol	9.60	139	43932	42.71	ng		96
27) 2,4-Dimethylphenol	9.89	122	76525	45.08	ng		96
28) bis(2-Chloroethoxy)methane	10.10	93	101243	44.02	ng		97
29) 2,4-Dichlorophenol	10.21	162	62645	40.38	ng		96
30) 1,2,4-Trichlorobenzene	10.33	180	74765	42.63	ng		98
31) Naphthalene	10.45	128	252420	42.72	ng		99
32) Benzoic acid	10.32	122	10309	39.49	ng		94
33) 4-Chloroaniline	10.73	127	104644	43.91	ng		98
34) Hexachlorobutadiene	10.83	225	44122	44.28	ng		97
35) Caprolactam	11.61	113	19718	41.87	ng		100
36) 4-Chloro-3-methylphenol	12.04	107	76454	44.06	ng		98
37) 2-Methylnaphthalene	12.11	142	184976	41.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	69395	41.51	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	30968	41.96	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	46773	42.57	ng		99
43) 2,4,5-Trichlorophenol	12.98	196	41847	38.87	ng		95
45) 1,1'-Biphenyl	13.27	154	213776	41.77	ng		99
46) 2-Chloronaphthalene	13.23	162	171208	41.89	ng		99
47) 2-Nitroaniline	13.60	65	53441	44.74	ng		98
48) Acenaphthylene	14.18	152	268000	41.55	ng		99
49) Dimethylphthalate	14.16	163	200095	41.65	ng		99
50) 2,6-Dinitrotoluene	14.25	165	39683	42.73	ng		96
51) Acenaphthene	14.60	154	153751	41.16	ng		97
52) 3-Nitroaniline	14.59	138	48116	42.35	ng		93
53) 2,4-Dinitrophenol	14.90	184	8674	39.30	ng	#	82
54) Dibenzofuran	15.03	168	237021	41.04	ng		99
55) 4-Nitrophenol	15.25	139	22992	41.58	ng		92
56) 2,4-Dinitrotoluene	15.19	165	55813	42.06	ng		95
57) Fluorene	15.80	166	193912	41.01	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.40	232	30628	42.12	ng	#	100
59) Diethylphthalate	15.83	149	210812	42.15	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	82320	41.87	ng		98
61) 4-Nitroaniline	15.99	138	44383	41.88	ng		100
62) Azobenzene	16.21	77	219270	45.95	ng		98
64) 4,6-Dinitro-2-methylphenol	16.07	198	25445	40.31	ng		95
65) n-Nitrosodiphenylamine	16.18	169	161328	40.24	ng		100
66) 4-Bromophenyl-phenylether	16.80	248	48806	41.54	ng		98
67) Hexachlorobenzene	16.81	284	50696	42.38	ng		99
68) Atrazine	17.20	200	50990	40.15	ng		94
69) Pentachlorophenol	17.20	266	12550	39.50	ng		94
70) Phenanthrene	17.47	178	271339	40.02	ng		99
71) Anthracene	17.55	178	272128	40.00	ng		99
72) Carbazole	17.85	167	262253	40.36	ng		100
73) Di-n-butylphthalate	18.45	149	356275	43.08	ng		100
74) Fluoranthene	19.13	202	281813	40.35	ng		100
76) Benzidine	19.38	184	161842	37.08	ng		98
77) Pyrene	19.41	202	290696	40.48	ng		100
79) Butylbenzylphthalate	20.36	149	156075	42.93	ng		96
80) Benzo(a)anthracene	20.95	228	271650	40.99	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	93986	40.45	ng		97
82) Chrysene	20.98	228	233696	38.92	ng		98
83) Bis(2-ethylhexyl)phthalate	21.11	149	228892	42.31	ng	#	98
84) Di-n-octyl phthalate	21.86	149	414174	44.52	ng		98
85) Indeno(1,2,3-cd)pyrene	23.64	276	244553m	41.88	ng		
87) Benzo(b)fluoranthene	22.18	252	230639m	35.35	ng		
88) Benzo(k)fluoranthene	22.21	252	234371m	47.56	ng		
89) Benzo(a)pyrene	22.52	252	224059	41.24	ng		99
90) Dibenzo(a,h)anthracene	23.67	278	201952m	41.85	ng		
91) Benzo(g,h,i)perylene	23.89	276	197775m	41.43	ng		

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

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