Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078162.D
Acq On : 1 Apr 2015 20:02
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Manual Integrations APPROVED
apatel
4/2/2015 5:50:52 PM

Quant Time: Apr 02 13:47:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36749	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	148030	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	74839	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	139642	20.00	ng		0.00
75) Chrysene-d12	15.87	240	148137	20.00	ng		0.00
86) Perylene-d12	17.64	264	142368	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	181700	81.52	ng		0.00
7) Phenol-d6	6.60	99	225182	80.62	ng		0.00
23) Nitrobenzene-d5	7.71	82	201999	82.71	ng		0.00
41) 2,4,6-Tribromophenol	11.74	330	55202	88.94	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	417180	79.68	ng		0.00
78) Terphenyl-d14	14.59	244	521967	79.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	41375	41.05	ng		99
3) Pyridine	2.49	79	106682	40.41	ng		99
4) n-Nitrosodimethylamine	2.43	42	40738	40.09	ng		100
6) Aniline	6.60	93	157465	39.75	ng		100
8) 2-Chlorophenol	6.75	128	107172	40.66	ng		100
9) Benzaldehyde	6.46	77	76951	41.57	ng		96
10) Phenol	6.62	94	133012	39.74	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	99419	41.31	ng		99
12) 1,3-Dichlorobenzene	6.93	146	114433	39.53	ng		97
13) 1,4-Dichlorobenzene	7.04	146	118789	40.76	ng		100
14) 1,2-Dichlorobenzene	7.22	146	111825	40.93	ng		98
15) Benzyl Alcohol	7.21	79	80155	40.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	130220	40.56	ng		99
17) 2-Methylphenol	7.37	107	86401	42.22	ng		100
18) Hexachloroethane	7.64	117	39610	40.31	ng		99
19) n-Nitroso-di-n-propylamine	7.55	70	75777	41.12	ng		99
20) 3+4-Methylphenols	7.56	107	112307	41.14	ng		99
22) Acetophenone	7.54	105	143204	41.52	ng		99
24) Nitrobenzene	7.74	77	106192	41.59	ng		99
25) Isophorone	8.04	82	197255	42.56	ng		99
26) 2-Nitrophenol	8.13	139	54688	44.95	ng		98
27) 2,4-Dimethylphenol	8.21	122	94964	41.98	ng		100
28) bis(2-Chloroethoxy)methane	8.33	93	123921	41.69	ng		99
29) 2,4-Dichlorophenol	8.44	162	86271	41.92	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	94583	40.08	ng		100
31) Naphthalene	8.62	128	311306	40.40	ng		99
32) Benzoic acid	8.34	122	45322	43.25	ng		97
33) 4-Chloroaniline	8.70	127	135684	42.44	ng		99
34) Hexachlorobutadiene	8.78	225	52803	40.75	ng		96
35) Caprolactam	9.14	113	28162	45.84	ng	#	72
36) 4-Chloro-3-methylphenol	9.32	107	90140	43.41	ng		100
37) 2-Methylnaphthalene	9.48	142	214878	41.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	96435	41.59	ng		99
40) Hexachlorocyclopentadiene	9.68	237	37983	41.62	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	62429	42.69	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	64493	42.21	ng		99
45) 1,1'-Biphenyl	10.06	154	256945	41.97	ng		99
46) 2-Chloronaphthalene	10.08	162	195491	40.59	ng		97
47) 2-Nitroaniline	10.21	65	52414	43.98	ng		96
48) Acenaphthylene	10.59	152	323075	41.54	ng		100
49) Dimethylphthalate	10.45	163	226600	40.30	ng		100
50) 2,6-Dinitrotoluene	10.53	165	48416	41.85	ng		94
51) Acenaphthene	10.80	154	177534	40.54	ng		99
52) 3-Nitroaniline	10.73	138	57376	43.62	ng		97
53) 2,4-Dinitrophenol	10.86	184	14552	43.34	ng		95
54) Dibenzofuran	11.01	168	270828	40.49	ng		99
55) 4-Nitrophenol	10.97	139	38146	40.79	ng		93
56) 2,4-Dinitrotoluene	11.02	165	68424	45.67	ng		98
57) Fluorene	11.44	166	223227	41.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	49286	43.51	ng		98
59) Diethylphthalate	11.33	149	231927	42.78	ng		100
60) 4-Chlorophenyl-phenylether	11.46	204	101856	40.84	ng		96
61) 4-Nitroaniline	11.48	138	59093	44.44	ng		99
62) Azobenzene	11.64	77	198864	40.19	ng		99
64) 4,6-Dinitro-2-methylphenol	11.53	198	27337	40.96	ng	#	52
65) n-Nitrosodiphenylamine	11.61	169	199752	41.35	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	60023	40.59	ng		96
67) Hexachlorobenzene	12.11	284	66922	41.30	ng		98
68) Atrazine	12.28	200	60242	43.06	ng		99
69) Pentachlorophenol	12.36	266	26043	40.48	ng		98
70) Phenanthrene	12.63	178	341822	42.32	ng		100
71) Anthracene	12.68	178	335770	42.18	ng		100
72) Carbazole	12.90	167	305058	40.90	ng		99
73) Di-n-butylphthalate	13.36	149	361403	42.77	ng		99
74) Fluoranthene	14.09	202	356085	41.80	ng		98
76) Benzidine	14.28	184	224451	39.35	ng		97
77) Pyrene	14.37	202	379603	40.82	ng		99
79) Butylbenzylphthalate	15.21	149	155488	43.87	ng		100
80) Benzo(a)anthracene	15.86	228	351726	39.91	ng		98
81) 3,3'-Dichlorobenzidine	15.85	252	123088	41.70	ng	#	97
82) Chrysene	15.91	228	328102	39.62	ng		99
83) Bis(2-ethylhexyl)phthalate	15.94	149	234605	42.20	ng	#	94
84) Di-n-octyl phthalate	16.75	149	381630	41.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.97	276	387002	41.19	ng	#	86
87) Benzo(b)fluoranthene	17.19	252	324975	36.93	ng	#	98
88) Benzo(k)fluoranthene	17.22	252	344078m	44.00	ng		
89) Benzo(a)pyrene	17.57	252	316220	41.18	ng	#	96
90) Dibenzo(a,h)anthracene	19.00	278	309955	40.32	ng		99
91) Benzo(g,h,i)perylene	19.36	276	310091	40.23	ng		99

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

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