Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083346.D
Acq On : 30 Nov 2015 21:08
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF113015

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:57 PM

Quant Time: Dec 01 01:25:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	156594	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	597994	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	312593	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	593266	20.00	ng		0.00
75) Chrysene-d12	14.76	240	563562	20.00	ng		0.00
86) Perylene-d12	16.82	264	420613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	814929	78.09	ng		0.00
7) Phenol-d6	6.21	99	1073585	75.16	ng		-0.01
23) Nitrobenzene-d5	7.13	82	1080167	79.40	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	232416	74.07	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1651317	75.28	ng		0.00
78) Terphenyl-d14	13.22	244	1673771	70.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	205981	36.45	ng		98
3) Pyridine	2.57	79	514959	36.43	ng		98
4) n-Nitrosodimethylamine	2.52	42	294355	42.31	ng		96
6) Aniline	6.21	93	744115	38.08	ng		99
8) 2-Chlorophenol	6.34	128	454563	39.49	ng		98
9) Benzaldehyde	6.09	77	277242	40.44	ng		99
10) Phenol	6.24	94	627560	36.51	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	473321	37.86	ng		97
12) 1,3-Dichlorobenzene	6.49	146	502627	39.28	ng		99
13) 1,4-Dichlorobenzene	6.57	146	510525	38.60	ng		99
14) 1,2-Dichlorobenzene	6.72	146	448336m	36.95	ng		
15) Benzyl Alcohol	6.72	79	448673	40.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.85	45	837665	38.18	ng		98
17) 2-Methylphenol	6.84	107	386107	40.24	ng		97
18) Hexachloroethane	7.06	117	177452	38.63	ng		98
19) n-Nitroso-di-n-propylamine	6.98	70	387175	37.92	ng	#	88
20) 3+4-Methylphenols	7.00	107	509640	39.21	ng		99
22) Acetophenone	6.98	105	703760	39.33	ng	#	98
24) Nitrobenzene	7.14	77	535980	36.90	ng	#	85
25) Isophorone	7.39	82	1046942	39.73	ng		99
26) 2-Nitrophenol	7.46	139	228373	38.51	ng		98
27) 2,4-Dimethylphenol	7.53	122	380187	38.25	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	584375	38.94	ng		99
29) 2,4-Dichlorophenol	7.71	162	374693	39.19	ng		99
30) 1,2,4-Trichlorobenzene	7.79	180	396122	38.07	ng		98
31) Naphthalene	7.86	128	1241002	38.25	ng		99
32) Benzoic acid	7.68	122	292689	42.69	ng		96
33) 4-Chloroaniline	7.93	127	552797	39.52	ng		98
34) Hexachlorobutadiene	7.98	225	221593	37.50	ng		100
35) Caprolactam	8.30	113	114575	37.93	ng		99
36) 4-Chloro-3-methylphenol	8.42	107	400012	37.30	ng	#	79
37) 2-Methylnaphthalene	8.56	142	818513	37.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	359360	36.27	ng		97
40) Hexachlorocyclopentadiene	8.70	237	179221	38.07	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	276805	39.82	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	287115	39.87	ng		98
45) 1,1'-Biphenyl	9.01	154	978520	35.70	ng		94
46) 2-Chloronaphthalene	9.04	162	795079	38.06	ng		99
47) 2-Nitroaniline	9.15	65	320685	38.76	ng		95
48) Acenaphthylene	9.45	152	1235378	37.08	ng		99
49) Dimethylphthalate	9.33	163	910647	35.85	ng		99
50) 2,6-Dinitrotoluene	9.39	165	223106	41.13	ng		93
51) Acenaphthene	9.62	154	729454	37.22	ng		99
52) 3-Nitroaniline	9.56	138	267521	42.07	ng		92
53) 2,4-Dinitrophenol	9.66	184	121062	40.92	ng		90
54) Dibenzofuran	9.79	168	1010488	35.18	ng		99
55) 4-Nitrophenol	9.74	139	161124	40.51	ng		90
56) 2,4-Dinitrotoluene	9.79	165	264340	38.40	ng		96
57) Fluorene	10.13	166	888858	39.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	216569	37.27	ng		95
59) Diethylphthalate	10.03	149	938949	38.78	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	404532	38.82	ng		99
61) 4-Nitroaniline	10.18	138	256393	40.30	ng		90
62) Azobenzene	10.29	77	1157917	39.58	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	170613	42.83	ng		84
65) n-Nitrosodiphenylamine	10.26	169	816363	39.16	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	250876	38.66	ng		98
67) Hexachlorobenzene	10.70	284	269312	37.53	ng	#	94
68) Atrazine	10.82	200	210063	36.43	ng		98
69) Pentachlorophenol	10.92	266	159872	42.53	ng		97
70) Phenanthrene	11.16	178	1328034	37.83	ng		99
71) Anthracene	11.22	178	1378489	39.00	ng		100
72) Carbazole	11.41	167	1260340	39.69	ng		100
73) Di-n-butylphthalate	11.86	149	1450396	38.54	ng		100
74) Fluoranthene	12.66	202	1377693	37.86	ng		99
76) Benzidine	12.86	184	636393	37.91	ng		97
77) Pyrene	12.97	202	1434606	36.45	ng		99
79) Butylbenzylphthalate	13.96	149	618193	37.03	ng		96
80) Benzo(a)anthracene	14.74	228	1296838	37.56	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	412225	38.22	ng		98
82) Chrysene	14.80	228	1187983	35.61	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	839541	37.48	ng		100
84) Di-n-octyl phthalate	15.85	149	1334763	40.02	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	881879	36.30	ng		100
87) Benzo(b)fluoranthene	16.31	252	1047595	38.82	ng		99
88) Benzo(k)fluoranthene	16.35	252	950722	37.31	ng		99
89) Benzo(a)pyrene	16.75	252	902359	38.93	ng		100
90) Dibenzo(a,h)anthracene	18.23	278	743484	36.81	ng		99
91) Benzo(g,h,i)perylene	18.58	276	713554	35.99	ng		98

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

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