Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080848.D
Acq On : 4 Aug 2015 20:18
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF080415

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:00:48 PM

Quant Time: Aug 05 01:56:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60102	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	226815	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	90132	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	144949	20.00	ng		0.00
75) Chrysene-d12	13.96	240	97904	20.00	ng		0.00
86) Perylene-d12	15.37	264	85106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	319438	80.44	ng		0.00
7) Phenol-d6	6.45	99	381487	73.49	ng		0.00
23) Nitrobenzene-d5	7.39	82	367129	76.28	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	62876	72.34	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	541478	80.90	ng		0.00
78) Terphenyl-d14	12.92	244	449697	83.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	77410	39.76	ng		100
3) Pyridine	3.16	79	236054	43.99	ng		98
4) n-Nitrosodimethylamine	3.12	42	110394	40.11	ng		99
6) Aniline	6.49	93	289187	38.28	ng		99
8) 2-Chlorophenol	6.61	128	170440	38.31	ng		99
9) Benzaldehyde	6.37	77	146615	40.48	ng		99
10) Phenol	6.46	94	216797	35.10	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	181190	39.28	ng		96
12) 1,3-Dichlorobenzene	6.76	146	178055	37.35	ng		100
13) 1,4-Dichlorobenzene	6.84	146	181566	37.95	ng		99
14) 1,2-Dichlorobenzene	7.00	146	166817	36.95	ng		99
15) Benzyl Alcohol	6.97	79	140500	41.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	336340	37.68	ng		100
17) 2-Methylphenol	7.08	107	151706	38.94	ng		99
18) Hexachloroethane	7.34	117	70892	38.99	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	121452	36.22	ng		100
20) 3+4-Methylphenols	7.23	107	164429	36.39	ng		98
22) Acetophenone	7.24	105	210788	38.05	ng	#	96
24) Nitrobenzene	7.41	77	189904	38.04	ng		95
25) Isophorone	7.65	82	324453	38.05	ng		99
26) 2-Nitrophenol	7.72	139	79024	38.59	ng		97
27) 2,4-Dimethylphenol	7.77	122	148330m	38.90	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	185449	35.36	ng		99
29) 2,4-Dichlorophenol	7.96	162	119170	37.86	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	141619	39.54	ng		98
31) Naphthalene	8.13	128	504777	40.86	ng		100
32) Benzoic acid	7.86	122	99530m	39.03	ng		
33) 4-Chloroaniline	8.18	127	196931	40.75	ng		98
34) Hexachlorobutadiene	8.25	225	74988	36.73	ng		96
35) Caprolactam	8.53	113	33219	36.96	ng	#	87
36) 4-Chloro-3-methylphenol	8.66	107	135704	39.30	ng		96
37) 2-Methylnaphthalene	8.82	142	284460	38.42	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	119644	38.90	ng		100
40) Hexachlorocyclopentadiene	8.98	237	77774	42.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	81082	38.89	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	78524m	37.56	ng		
45) 1,1'-Biphenyl	9.29	154	314518	37.85	ng		98
46) 2-Chloronaphthalene	9.31	162	250140	38.71	ng		99
47) 2-Nitroaniline	9.40	65	96779	41.14	ng		94
48) Acenaphthylene	9.72	152	432220	40.65	ng		99
49) Dimethylphthalate	9.58	163	262751	39.97	ng		98
50) 2,6-Dinitrotoluene	9.64	165	54576	39.70	ng		96
51) Acenaphthene	9.89	154	256988	40.20	ng		100
52) 3-Nitroaniline	9.81	138	62182	36.62	ng		89
53) 2,4-Dinitrophenol	9.92	184	27015	35.75	ng		99
54) Dibenzofuran	10.06	168	333270	39.10	ng		98
55) 4-Nitrophenol	9.96	139	51464	43.08	ng		89
56) 2,4-Dinitrotoluene	10.04	165	72843	41.97	ng		91
57) Fluorene	10.41	166	245138	37.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	61001	40.65	ng		94
59) Diethylphthalate	10.28	149	242125	37.21	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	107131	40.07	ng		98
61) 4-Nitroaniline	10.42	138	63239	41.73	ng		92
62) Azobenzene	10.56	77	281222	36.95	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	33991	36.45	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	198799	35.80	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	67409	42.02	ng		98
67) Hexachlorobenzene	10.94	284	65229	37.23	ng		99
68) Atrazine	11.04	200	52993	36.66	ng		93
69) Pentachlorophenol	11.14	266	41140	43.09	ng		99
70) Phenanthrene	11.36	178	307162	36.68	ng		99
71) Anthracene	11.41	178	345493	42.46	ng		99
72) Carbazole	11.56	167	289703	37.74	ng		99
73) Di-n-butylphthalate	11.90	149	389437	42.85	ng		99
74) Fluoranthene	12.54	202	347081	42.55	ng		99
76) Benzidine	12.67	184	189659	40.02	ng		98
77) Pyrene	12.77	202	348762	39.71	ng		99
79) Butylbenzylphthalate	13.39	149	142382	39.64	ng		98
80) Benzo(a)anthracene	13.95	228	254890	38.92	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	91533	37.62	ng		99
82) Chrysene	13.99	228	245417	36.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	191317	39.89	ng		100
84) Di-n-octyl phthalate	14.57	149	335011	41.56	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	215625	39.35	ng		99
87) Benzo(b)fluoranthene	14.97	252	214330m	33.67	ng		
88) Benzo(k)fluoranthene	15.00	252	232652m	47.48	ng		
89) Benzo(a)pyrene	15.31	252	203198	39.11	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	179650	39.80	ng		99
91) Benzo(g,h,i)perylene	17.14	276	172821	39.61	ng		98

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

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