Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080987.D
Acq On : 13 Aug 2015 18:35
Operator : UM/IZ
Sample : G3238-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)MSD

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:09:00 PM

Quant Time: Aug 14 07:29:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 07:19:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	45111	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	171688m	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	79306m	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	141956m	20.00	ng		0.00
75) Chrysene-d12	13.89	240	94015m	20.00	ng		0.00
86) Perylene-d12	15.27	264	39482	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	108942	39.46	ng		0.00
7) Phenol-d6	6.38	99	85681	22.65	ng		0.00
23) Nitrobenzene-d5	7.32	82	307994	84.85	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	73331m	84.17	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	456744m	81.08	ng		0.00
78) Terphenyl-d14	12.85	244	420725	92.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	16064	12.27	ng	#	84
3) Pyridine	3.01	79	47075	12.68	ng	#	85
4) n-Nitrosodimethylamine	2.93	42	34151	18.01	ng		84
6) Aniline	6.41	93	92303	16.61	ng		91
8) 2-Chlorophenol	6.53	128	91107	28.52	ng		91
9) Benzaldehyde	6.29	77	73257	28.72	ng		96
10) Phenol	6.40	94	36957	8.23	ng	#	67
11) bis(2-Chloroethyl)ether	6.49	93	71851	21.44	ng		92
12) 1,3-Dichlorobenzene	6.69	146	114769	33.85	ng		97
13) 1,4-Dichlorobenzene	6.77	146	115814	32.87	ng		97
14) 1,2-Dichlorobenzene	6.92	146	111427	34.98	ng		98
15) Benzyl Alcohol	6.90	79	86636	27.98	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	270923	40.18	ng		98
17) 2-Methylphenol	7.01	107	60574	22.21	ng	#	87
18) Hexachloroethane	7.26	117	83350	61.75	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	103546	37.44	ng		88
20) 3+4-Methylphenols	7.17	107	73021	21.32	ng	#	84
22) Acetophenone	7.16	105	190632	45.32	ng		95
24) Nitrobenzene	7.33	77	142989m	38.26	ng		
25) Isophorone	7.58	82	273159	39.13	ng		97
26) 2-Nitrophenol	7.65	139	51802m	32.94	ng		
27) 2,4-Dimethylphenol	7.70	122	91060	30.93	ng		88
28) bis(2-Chloroethoxy)methane	7.80	93	168798	40.28	ng		97
29) 2,4-Dichlorophenol	7.90	162	82389	34.06	ng		90
30) 1,2,4-Trichlorobenzene	7.98	180	99133	37.49	ng		98
31) Naphthalene	8.06	128	986206	104.21	ng		97
32) Benzoic acid	7.80	122	24245	13.76	ng		87
33) 4-Chloroaniline	8.11	127	115984	30.16	ng		95
34) Hexachlorobutadiene	8.18	225	54483	34.63	ng		96
35) Caprolactam	8.50	113	6709	7.71	ng	#	17
36) 4-Chloro-3-methylphenol	8.60	107	91037	30.84	ng		90
37) 2-Methylnaphthalene	8.75	142	523089	86.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	94424	38.62	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	105026	78.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	60788m	33.92	ng		
43) 2,4,5-Trichlorophenol	9.07	196	59820m	33.13	ng		
45) 1,1'-Biphenyl	9.22	154	317703m	46.68	ng		
46) 2-Chloronaphthalene	9.24	162	207019m	39.01	ng		
47) 2-Nitroaniline	9.33	65	90269m	42.43	ng		
48) Acenaphthylene	9.65	152	360284m	39.05	ng		
49) Dimethylphthalate	9.53	163	272957m	41.43	ng		
50) 2,6-Dinitrotoluene	9.58	165	53794m	39.53	ng		
51) Acenaphthene	9.82	154	227642m	40.29	ng		
52) 3-Nitroaniline	9.74	138	44260m	26.38	ng		
53) 2,4-Dinitrophenol	9.86	184	52866m	65.17	ng		
54) Dibenzofuran	10.00	168	315037m	41.24	ng		
55) 4-Nitrophenol	9.92	139	31467m	25.05	ng		
56) 2,4-Dinitrotoluene	9.98	165	74806m	41.08	ng		
57) Fluorene	10.34	166	275901m	46.68	ng		
58) 2,3,4,6-Tetrachlorophenol	10.11	232	46243m	32.36	ng		
59) Diethylphthalate	10.21	149	255805m	37.30	ng		
60) 4-Chlorophenyl-phenylether	10.33	204	94662m	32.87	ng		
61) 4-Nitroaniline	10.36	138	59356m	34.38	ng		
62) Azobenzene	10.49	77	284888m	37.15	ng		
64) 4,6-Dinitro-2-methylphenol	10.38	198	32449m	36.88	ng		
65) n-Nitrosodiphenylamine	10.45	169	211860m	42.96	ng		
66) 4-Bromophenyl-phenylether	10.82	248	59965m	39.88	ng		
67) Hexachlorobenzene	10.88	284	51125m	30.59	ng		
68) Atrazine	10.99	200	58117m	40.19	ng		
69) Pentachlorophenol	11.08	266	65691m	67.59	ng		
70) Phenanthrene	11.29	178	302502m	37.63	ng		
71) Anthracene	11.35	178	346460m	43.54	ng		
72) Carbazole	11.51	167	452695m	58.43	ng		
73) Di-n-butylphthalate	11.84	149	358495m	37.00	ng		
74) Fluoranthene	12.48	202	351958m	40.50	ng		
76) Benzidine	12.60	184	10913	4.00	ng	#	84
77) Pyrene	12.69	202	335693	48.33	ng		99
79) Butylbenzylphthalate	13.32	149	140731	42.03	ng	#	61
80) Benzo(a)anthracene	13.88	228	254070	42.78	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	43322	20.05	ng	#	96
82) Chrysene	13.92	228	189140	33.26	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	187153	40.17	ng	#	92
84) Di-n-octyl phthalate	14.50	149	254507	32.22	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	86804	16.04	ng		96
87) Benzo(b)fluoranthene	14.89	252	154912m	56.42	ng		
88) Benzo(k)fluoranthene	14.91	252	137409m	57.21	ng		
89) Benzo(a)pyrene	15.22	252	120557	51.09	ng		100
90) Dibenzo(a,h)anthracene	16.60	278	71518	34.27	ng		99
91) Benzo(g,h,i)perylene	16.98	276	75471	37.18	ng	#	94

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

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