Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080332.D
Acq On : 3 Jul 2015 8:59
Operator : TP/IZ
Sample : IDOC-04-W-UM
Misc : IDOC-WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-04-W-UM

Manual Integrations APPROVED
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7/6/2015 3:41:29 PM

Quant Time: Jul 03 23:13:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	37553	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	142550	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	71873	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	152756	20.00	ng		0.00
75) Chrysene-d12	14.82	240	162643	20.00	ng		0.10
86) Perylene-d12	16.72	264	156177	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	256629	118.34	ng		0.00
7) Phenol-d6	6.84	99	323919	111.27	ng		0.00
23) Nitrobenzene-d5	7.80	82	199038	76.88	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	90648	132.46	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	428133	85.74	ng		0.00
78) Terphenyl-d14	13.52	244	489516	70.50	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	28987	111.39	ng	#	100
3) Pyridine	3.90	79	81880	30.51	ng		99
4) n-Nitrosodimethylamine	3.80	42	45542	38.09	ng		97
6) Aniline	6.90	93	74996	19.26	ng		89
8) 2-Chlorophenol	7.02	128	96545	40.53	ng		94
9) Benzaldehyde	6.78	77	36752	23.10	ng		97
10) Phenol	6.86	94	111844	34.74	ng		87
11) bis(2-Chloroethyl)ether	6.96	93	82921	34.05	ng		92
12) 1,3-Dichlorobenzene	7.18	146	108897	37.45	ng		97
13) 1,4-Dichlorobenzene	7.26	146	99405m	34.34	ng		
14) 1,2-Dichlorobenzene	7.41	146	105633	36.73	ng		96
15) Benzyl Alcohol	7.37	79	81279	36.27	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	136316	36.48	ng		100
17) 2-Methylphenol	7.48	107	70704	34.33	ng	#	93
18) Hexachloroethane	7.77	117	32441	35.89	ng	#	63
19) n-Nitroso-di-n-propylamine	7.63	70	62551	32.32	ng		90
20) 3+4-Methylphenols	7.63	107	101767	37.20	ng		90
22) Acetophenone	7.64	105	139943	42.02	ng	#	94
24) Nitrobenzene	7.81	77	95486	35.57	ng		93
25) Isophorone	8.05	82	182648	36.30	ng		96
26) 2-Nitrophenol	8.14	139	41997	35.82	ng	#	73
27) 2,4-Dimethylphenol	8.17	122	82302	38.24	ng		91
28) bis(2-Chloroethoxy)methane	8.26	93	119950	39.72	ng		97
29) 2,4-Dichlorophenol	8.37	162	77008	38.74	ng		95
30) 1,2,4-Trichlorobenzene	8.48	180	80930	34.90	ng	#	93
31) Naphthalene	8.56	128	273602	37.68	ng		99
32) Benzoic acid	8.22	122	32170	65.32	ng		95
33) 4-Chloroaniline	8.59	127	47915m	15.55	ng		
34) Hexachlorobutadiene	8.67	225	51790	35.46	ng		99
35) Caprolactam	8.93	113	22724	37.68	ng	#	71
36) 4-Chloro-3-methylphenol	9.06	107	79579	36.98	ng		86
37) 2-Methylnaphthalene	9.24	142	182297	36.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	84567	35.36	ng	#	97
40) Hexachlorocyclopentadiene	9.40	237	72279	77.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	51466	33.99	ng		99
43) 2,4,5-Trichlorophenol	9.56	196	64447	39.51	ng	#	94
45) 1,1'-Biphenyl	9.71	154	243393	39.82	ng		98
46) 2-Chloronaphthalene	9.74	162	174994	36.99	ng	#	90
47) 2-Nitroaniline	9.82	65	56863	41.79	ng	#	83
48) Acenaphthylene	10.16	152	288383	35.10	ng		99
49) Dimethylphthalate	10.00	163	219579	39.99	ng		99
50) 2,6-Dinitrotoluene	10.06	165	47402	42.23	ng	#	71
51) Acenaphthene	10.33	154	184616	39.03	ng		98
52) 3-Nitroaniline	10.24	138	28896	22.44	ng		93
53) 2,4-Dinitrophenol	10.34	184	40590	85.51	ng	#	28
54) Dibenzofuran	10.51	168	260062	38.95	ng	#	89
55) 4-Nitrophenol	10.38	139	80544	84.63	ng	#	72
56) 2,4-Dinitrotoluene	10.48	165	58198	39.99	ng	#	62
57) Fluorene	10.85	166	216861	39.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	50913	40.05	ng		97
59) Diethylphthalate	10.70	149	223180	42.77	ng		95
60) 4-Chlorophenyl-phenylether	10.83	204	95278	38.05	ng		92
61) 4-Nitroaniline	10.84	138	45743	34.96	ng		93
62) Azobenzene	10.99	77	190853	35.55	ng		94
64) 4,6-Dinitro-2-methylphenol	10.89	198	27789	44.75	ng	#	47
65) n-Nitrosodiphenylamine	10.94	169	171532	34.17	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	65082	39.42	ng	#	92
67) Hexachlorobenzene	11.41	284	67624	38.22	ng	#	93
68) Atrazine	11.47	200	55101	36.31	ng		95
69) Pentachlorophenol	11.60	266	66037	69.71	ng		99
70) Phenanthrene	11.82	178	315300	34.45	ng		99
71) Anthracene	11.88	178	337978	38.49	ng		99
72) Carbazole	12.03	167	286025	34.83	ng	#	97
73) Di-n-butylphthalate	12.37	149	342772	38.91	ng		99
74) Fluoranthene	13.11	202	357870	37.85	ng		99
76) Benzidine	13.23	184	105499	22.15	ng		98
77) Pyrene	13.37	202	375955	36.11	ng		99
79) Butylbenzylphthalate	14.08	149	143701	36.00	ng	#	76
80) Benzo(a)anthracene	14.81	228	358931	36.52	ng		99
81) 3,3'-Dichlorobenzidine	14.75	252	87237	27.19	ng		100
82) Chrysene	14.85	228	336420	37.13	ng		100
83) Bis(2-ethylhexyl)phthalate	14.80	149	211164	37.58	ng		99
84) Di-n-octyl phthalate	15.63	149	351901	37.17	ng		99
85) Indeno(1,2,3-cd)pyrene	18.50	276	383608	37.66	ng		98
87) Benzo(b)fluoranthene	16.19	252	335206m	33.98	ng		
88) Benzo(k)fluoranthene	16.23	252	359837	38.73	ng		98
89) Benzo(a)pyrene	16.64	252	343973	38.26	ng		98
90) Dibenzo(a,h)anthracene	18.52	278	328860	38.99	ng		97
91) Benzo(g,h,i)perylene	19.04	276	325848	37.03	ng		98

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

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