Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080366.D
Acq On : 7 Jul 2015 3:47
Operator : TP/IZ
Sample : IDOC-01-W-UM
Misc : IDOC-WATER-UM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-01-W-UM

Manual Integrations APPROVED
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7/7/2015 4:26:42 PM

Quant Time: Jul 07 06:39:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	38119	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	148179	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	68562	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	149093	20.00	ng		0.00
75) Chrysene-d12	14.64	240	154580	20.00	ng		-0.10
86) Perylene-d12	16.41	264	148458	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	162874	78.25	ng		0.00
7) Phenol-d6	6.83	99	204022	73.95	ng		0.00
23) Nitrobenzene-d5	7.79	82	182589	71.87	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	58511	81.56	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	406436	80.00	ng		0.00
78) Terphenyl-d14	13.43	244	468875	70.75	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	28341	28.84	ng	#	83
3) Pyridine	3.88	79	80693	32.27	ng		96
4) n-Nitrosodimethylamine	3.78	42	44683	38.03	ng		99
6) Aniline	6.89	93	91413	23.93	ng		99
8) 2-Chlorophenol	7.01	128	89157	36.95	ng		99
9) Benzaldehyde	6.77	77	55031	35.86	ng		99
10) Phenol	6.85	94	111366	37.22	ng		98
11) bis(2-Chloroethyl)ether	6.94	93	85858	38.04	ng		97
12) 1,3-Dichlorobenzene	7.17	146	105473	35.61	ng		99
13) 1,4-Dichlorobenzene	7.24	146	96807m	35.00	ng		
14) 1,2-Dichlorobenzene	7.40	146	100396	35.86	ng		98
15) Benzyl Alcohol	7.36	79	81959	38.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	131674	36.08	ng		99
17) 2-Methylphenol	7.47	107	66274	35.44	ng		98
18) Hexachloroethane	7.74	117	31108	35.00	ng	#	59
19) n-Nitroso-di-n-propylamine	7.62	70	60428	33.75	ng	#	78
20) 3+4-Methylphenols	7.62	107	96234	36.92	ng		94
22) Acetophenone	7.63	105	131872	38.57	ng	#	98
24) Nitrobenzene	7.80	77	94072	36.86	ng		98
25) Isophorone	8.04	82	181055	37.03	ng		98
26) 2-Nitrophenol	8.13	139	40714	36.86	ng		97
27) 2,4-Dimethylphenol	8.16	122	79335	36.51	ng		99
28) bis(2-Chloroethoxy)methane	8.25	93	114067	37.56	ng		99
29) 2,4-Dichlorophenol	8.37	162	73783	38.24	ng		97
30) 1,2,4-Trichlorobenzene	8.46	180	78742	34.34	ng		99
31) Naphthalene	8.54	128	254311m	33.46	ng		
32) Benzoic acid	8.21	122	43930	40.10	ng		94
33) 4-Chloroaniline	8.58	127	69791	23.04	ng		97
34) Hexachlorobutadiene	8.66	225	49190	35.27	ng		98
35) Caprolactam	8.92	113	22723	38.14	ng	#	77
36) 4-Chloro-3-methylphenol	9.05	107	74653	37.50	ng		97
37) 2-Methylnaphthalene	9.23	142	172430	35.58	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	80382	36.99	ng		98
40) Hexachlorocyclopentadiene	9.39	237	55051	62.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	52386	36.60	ng		99
43) 2,4,5-Trichlorophenol	9.55	196	63608	38.12	ng		97
45) 1,1'-Biphenyl	9.70	154	229816	37.77	ng		99
46) 2-Chloronaphthalene	9.73	162	165610	35.69	ng		98
47) 2-Nitroaniline	9.81	65	53281	41.04	ng		96
48) Acenaphthylene	10.14	152	277383	35.92	ng		99
49) Dimethylphthalate	9.98	163	202598	36.80	ng		100
50) 2,6-Dinitrotoluene	10.05	165	46994	40.83	ng		92
51) Acenaphthene	10.33	154	174421	37.73	ng		94
52) 3-Nitroaniline	10.22	138	37006	28.54	ng		92
53) 2,4-Dinitrophenol	10.34	184	30751	63.19	ng		97
54) Dibenzofuran	10.50	168	242368	36.87	ng		99
55) 4-Nitrophenol	10.37	139	77631	81.67	ng		93
56) 2,4-Dinitrotoluene	10.46	165	55549	37.53	ng		96
57) Fluorene	10.84	166	212745	37.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	49298	36.89	ng		99
59) Diethylphthalate	10.69	149	219568	39.93	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	93890	37.48	ng		97
61) 4-Nitroaniline	10.84	138	42824	34.02	ng		95
62) Azobenzene	10.98	77	189156	36.22	ng	#	78
64) 4,6-Dinitro-2-methylphenol	10.88	198	23233	29.11	ng		95
65) n-Nitrosodiphenylamine	10.93	169	165433	34.84	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	62533	36.61	ng		95
67) Hexachlorobenzene	11.40	284	64838	36.19	ng		95
68) Atrazine	11.46	200	57778	40.87	ng		98
69) Pentachlorophenol	11.58	266	55063	62.15	ng		96
70) Phenanthrene	11.81	178	327552	36.63	ng		99
71) Anthracene	11.86	178	307484	35.07	ng		100
72) Carbazole	12.01	167	274575	33.57	ng		99
73) Di-n-butylphthalate	12.34	149	358944	38.37	ng		99
74) Fluoranthene	13.04	202	343169	35.71	ng		98
76) Benzidine	13.15	184	183477	46.80	ng		98
77) Pyrene	13.29	202	352518	37.70	ng		99
79) Butylbenzylphthalate	13.95	149	156285	41.89	ng		99
80) Benzo(a)anthracene	14.63	228	336261	36.10	ng		99
81) 3,3'-Dichlorobenzidine	14.58	252	93990	30.43	ng		99
82) Chrysene	14.67	228	316155	36.27	ng		100
83) Bis(2-ethylhexyl)phthalate	14.60	149	237704	41.80	ng		98
84) Di-n-octyl phthalate	15.37	149	408854	43.52	ng		98
85) Indeno(1,2,3-cd)pyrene	18.18	276	368938	36.00	ng		99
87) Benzo(b)fluoranthene	15.91	252	325533	34.89	ng	#	98
88) Benzo(k)fluoranthene	15.94	252	327764m	37.11	ng		
89) Benzo(a)pyrene	16.34	252	322046	37.74	ng		98
90) Dibenzo(a,h)anthracene	18.19	278	307447	36.59	ng		99
91) Benzo(g,h,i)perylene	18.71	276	308676	36.23	ng		99

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

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