Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080326.D
Acq On : 3 Jul 2015 6:06
Operator : TP/IZ
Sample : IDOC-02-S-UM
Misc : IDOC-SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-02-S-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:40:58 PM

Quant Time: Jul 03 07:27:36 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 07:20:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	38695	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	146410	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	70099	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	153103	20.00	ng		0.00
75) Chrysene-d12	14.80	240	165973	20.00	ng		0.08
86) Perylene-d12	16.67	264	155496	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	253511	113.45	ng		0.00
7) Phenol-d6	6.85	99	318269	106.10	ng		0.01
23) Nitrobenzene-d5	7.80	82	193041	72.59	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	89862	134.63	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	425535	87.37	ng		0.00
78) Terphenyl-d14	13.51	244	498628	70.37	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	28123	104.88	ng	#	100
3) Pyridine	3.90	79	77912	28.17	ng		97
4) n-Nitrosodimethylamine	3.80	42	39801	32.31	ng		97
6) Aniline	6.90	93	96276	24.00	ng		90
8) 2-Chlorophenol	7.02	128	92165	37.55	ng		94
9) Benzaldehyde	6.78	77	31039	18.94	ng		95
10) Phenol	6.86	94	109053	32.87	ng		86
11) bis(2-Chloroethyl)ether	6.96	93	79230	31.57	ng		91
12) 1,3-Dichlorobenzene	7.18	146	103829	34.65	ng		98
13) 1,4-Dichlorobenzene	7.26	146	96758m	32.44	ng		
14) 1,2-Dichlorobenzene	7.41	146	100601	33.94	ng		97
15) Benzyl Alcohol	7.37	79	79901	34.60	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	131183	34.07	ng		99
17) 2-Methylphenol	7.47	107	68481	32.27	ng		96
18) Hexachloroethane	7.77	117	30474	32.72	ng	#	59
19) n-Nitroso-di-n-propylamine	7.63	70	61045	30.61	ng	#	91
20) 3+4-Methylphenols	7.63	107	96882	34.37	ng		89
22) Acetophenone	7.64	105	132060	38.61	ng	#	94
24) Nitrobenzene	7.81	77	92794	33.65	ng		93
25) Isophorone	8.05	82	179016	34.64	ng		95
26) 2-Nitrophenol	8.14	139	40571	33.69	ng	#	75
27) 2,4-Dimethylphenol	8.17	122	81830	37.02	ng		92
28) bis(2-Chloroethoxy)methane	8.26	93	114290	36.85	ng		97
29) 2,4-Dichlorophenol	8.38	162	73304	35.90	ng		89
30) 1,2,4-Trichlorobenzene	8.48	180	76847	32.27	ng	#	92
31) Naphthalene	8.56	128	266244	35.70	ng		99
32) Benzoic acid	8.22	122	35738	70.65	ng		98
33) 4-Chloroaniline	8.59	127	70723m	22.35	ng		
34) Hexachlorobutadiene	8.67	225	48908	32.60	ng		98
35) Caprolactam	8.93	113	22707	36.66	ng	#	77
36) 4-Chloro-3-methylphenol	9.06	107	76518	34.62	ng		89
37) 2-Methylnaphthalene	9.24	142	173706	34.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	81437	34.91	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	67440	74.02	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	51405	34.81	ng		98
43) 2,4,5-Trichlorophenol	9.56	196	62871	39.52	ng	#	93
45) 1,1'-Biphenyl	9.71	154	236636	39.70	ng		98
46) 2-Chloronaphthalene	9.74	162	168608	36.54	ng	#	91
47) 2-Nitroaniline	9.82	65	53470	40.29	ng	#	83
48) Acenaphthylene	10.16	152	278149	34.71	ng		99
49) Dimethylphthalate	10.00	163	209003	39.03	ng		99
50) 2,6-Dinitrotoluene	10.06	165	47406	43.31	ng	#	68
51) Acenaphthene	10.34	154	182065	39.46	ng		87
52) 3-Nitroaniline	10.24	138	38702	30.82	ng		87
53) 2,4-Dinitrophenol	10.34	184	38355	83.89	ng	#	62
54) Dibenzofuran	10.51	168	250480	38.47	ng		90
55) 4-Nitrophenol	10.38	139	82599	88.99	ng	#	77
56) 2,4-Dinitrotoluene	10.48	165	56989	40.15	ng	#	63
57) Fluorene	10.85	166	215289	39.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	51881	41.85	ng		95
59) Diethylphthalate	10.70	149	216873	42.61	ng	#	94
60) 4-Chlorophenyl-phenylether	10.84	204	93546	38.30	ng	#	81
61) 4-Nitroaniline	10.85	138	47663	37.35	ng		82
62) Azobenzene	11.00	77	189294	36.16	ng		82
64) 4,6-Dinitro-2-methylphenol	10.89	198	28572	45.46	ng	#	49
65) n-Nitrosodiphenylamine	10.96	169	170434	33.88	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	62811	37.96	ng	#	90
67) Hexachlorobenzene	11.41	284	66782	37.66	ng	#	91
68) Atrazine	11.47	200	53420	35.12	ng		96
69) Pentachlorophenol	11.61	266	64004	67.63	ng		97
70) Phenanthrene	11.83	178	319766	34.86	ng		100
71) Anthracene	11.88	178	334366	37.99	ng		100
72) Carbazole	12.03	167	290184	35.26	ng	#	97
73) Di-n-butylphthalate	12.37	149	315015	35.68	ng		98
74) Fluoranthene	13.09	202	344059	36.30	ng		97
76) Benzidine	13.22	184	196633	40.46	ng		99
77) Pyrene	13.36	202	371314	34.95	ng		99
79) Butylbenzylphthalate	14.07	149	145666	35.76	ng	#	85
80) Benzo(a)anthracene	14.79	228	358821	35.78	ng		100
81) 3,3'-Dichlorobenzidine	14.73	252	100078	30.56	ng	#	99
82) Chrysene	14.83	228	333079	36.02	ng		100
83) Bis(2-ethylhexyl)phthalate	14.77	149	211846	36.95	ng		97
84) Di-n-octyl phthalate	15.60	149	341553	35.35	ng		99
85) Indeno(1,2,3-cd)pyrene	18.47	276	377136	36.28	ng		98
87) Benzo(b)fluoranthene	16.16	252	331447	33.75	ng	#	97
88) Benzo(k)fluoranthene	16.19	252	356976	38.59	ng	#	97
89) Benzo(a)pyrene	16.60	252	338171	37.78	ng	#	97
90) Dibenzo(a,h)anthracene	18.49	278	323209	38.49	ng		96
91) Benzo(g,h,i)perylene	19.00	276	322691	36.83	ng		97

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

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