Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080327.D
Acq On : 3 Jul 2015 6:35
Operator : TP/IZ
Sample : IDOC-03-S-UM
Misc : IDOC-SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-03-S-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:41:02 PM

Quant Time: Jul 03 07:29:37 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	35461	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	136250	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	64877	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	138975	20.00	ng		0.00
75) Chrysene-d12	14.75	240	152240	20.00	ng		0.03
86) Perylene-d12	16.60	264	143391	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	167321	81.71	ng		0.00
7) Phenol-d6	6.84	99	205107	74.61	ng		0.00
23) Nitrobenzene-d5	7.80	82	189305	76.50	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	56718	91.81	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	407385	90.38	ng		0.00
78) Terphenyl-d14	13.48	244	457658	70.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	27305	111.11	ng	#	100
3) Pyridine	3.90	79	86754	34.23	ng		97
4) n-Nitrosodimethylamine	3.80	42	41493	36.75	ng		95
6) Aniline	6.90	93	96398	26.22	ng		90
8) 2-Chlorophenol	7.02	128	89440	39.76	ng		95
9) Benzaldehyde	6.78	77	43958	29.26	ng		94
10) Phenol	6.86	94	111967	36.83	ng		85
11) bis(2-Chloroethyl)ether	6.96	93	80640	35.06	ng		93
12) 1,3-Dichlorobenzene	7.18	146	104542	38.07	ng		98
13) 1,4-Dichlorobenzene	7.26	146	96601m	35.34	ng		
14) 1,2-Dichlorobenzene	7.41	146	99853	36.76	ng		97
15) Benzyl Alcohol	7.37	79	78972	37.32	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	129816	36.79	ng		100
17) 2-Methylphenol	7.48	107	67355	34.64	ng	#	93
18) Hexachloroethane	7.77	117	31289	36.66	ng	#	67
19) n-Nitroso-di-n-propylamine	7.63	70	58903	32.23	ng	#	91
20) 3+4-Methylphenols	7.63	107	95698	37.05	ng		89
22) Acetophenone	7.64	105	129920	40.81	ng	#	92
24) Nitrobenzene	7.81	77	92098	35.89	ng		94
25) Isophorone	8.05	82	175071	36.40	ng		94
26) 2-Nitrophenol	8.14	139	40346	36.01	ng	#	73
27) 2,4-Dimethylphenol	8.17	122	79969	38.88	ng		91
28) bis(2-Chloroethoxy)methane	8.26	93	111541	38.64	ng		98
29) 2,4-Dichlorophenol	8.38	162	71766	37.77	ng		89
30) 1,2,4-Trichlorobenzene	8.48	180	76470	34.50	ng		90
31) Naphthalene	8.56	128	258985	37.31	ng		99
32) Benzoic acid	8.22	122	27684	58.81	ng		93
33) 4-Chloroaniline	8.59	127	69235m	23.51	ng		
34) Hexachlorobutadiene	8.67	225	49151	35.21	ng		98
35) Caprolactam	8.93	113	21227	36.82	ng	#	76
36) 4-Chloro-3-methylphenol	9.06	107	73058	35.52	ng		90
37) 2-Methylnaphthalene	9.24	142	167726	35.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	80057	37.08	ng	#	99
40) Hexachlorocyclopentadiene	9.40	237	64191	75.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	50022	36.60	ng		99
43) 2,4,5-Trichlorophenol	9.56	196	61011	41.44	ng	#	92
45) 1,1'-Biphenyl	9.71	154	226572	41.07	ng		98
46) 2-Chloronaphthalene	9.74	162	169032	39.58	ng	#	91
47) 2-Nitroaniline	9.82	65	52348	42.62	ng	#	81
48) Acenaphthylene	10.16	152	268005	36.14	ng		99
49) Dimethylphthalate	10.00	163	197878	39.93	ng		99
50) 2,6-Dinitrotoluene	10.06	165	44664	44.08	ng	#	72
51) Acenaphthene	10.34	154	172643	40.43	ng		87
52) 3-Nitroaniline	10.24	138	35744	30.76	ng		86
53) 2,4-Dinitrophenol	10.34	184	36387	85.15	ng	#	57
54) Dibenzofuran	10.51	168	247436	41.06	ng	#	89
55) 4-Nitrophenol	10.38	139	79123	92.11	ng	#	76
56) 2,4-Dinitrotoluene	10.48	165	54330	41.36	ng	#	65
57) Fluorene	10.85	166	206702	41.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	48058	41.88	ng		97
59) Diethylphthalate	10.70	149	208532	44.27	ng	#	94
60) 4-Chlorophenyl-phenylether	10.84	204	90030	39.83	ng	#	82
61) 4-Nitroaniline	10.85	138	44849	37.97	ng		82
62) Azobenzene	10.99	77	182054	37.57	ng		93
64) 4,6-Dinitro-2-methylphenol	10.89	198	27229	46.83	ng	#	49
65) n-Nitrosodiphenylamine	10.96	169	163983	35.91	ng		100
66) 4-Bromophenyl-phenylether	11.33	248	60293	40.14	ng	#	89
67) Hexachlorobenzene	11.41	284	63935	39.72	ng	#	93
68) Atrazine	11.47	200	56055	40.60	ng		97
69) Pentachlorophenol	11.60	266	64383	74.22	ng		99
70) Phenanthrene	11.82	178	323880	38.90	ng		100
71) Anthracene	11.88	178	313080	39.19	ng		99
72) Carbazole	12.03	167	291523	39.02	ng		98
73) Di-n-butylphthalate	12.36	149	316595	39.50	ng		99
74) Fluoranthene	13.08	202	339956	39.52	ng		99
76) Benzidine	13.20	184	150802	33.83	ng		99
77) Pyrene	13.33	202	350939	36.01	ng		99
79) Butylbenzylphthalate	14.03	149	140343	37.56	ng		91
80) Benzo(a)anthracene	14.74	228	349141	37.95	ng		99
81) 3,3'-Dichlorobenzidine	14.68	252	84444	28.12	ng		98
82) Chrysene	14.79	228	326467	38.49	ng		98
83) Bis(2-ethylhexyl)phthalate	14.72	149	198152	37.68	ng	#	95
84) Di-n-octyl phthalate	15.53	149	326192	36.81	ng		98
85) Indeno(1,2,3-cd)pyrene	18.37	276	366831	38.47	ng		98
87) Benzo(b)fluoranthene	16.08	252	373357	41.22	ng		98
88) Benzo(k)fluoranthene	16.11	252	298235	34.96	ng		99
89) Benzo(a)pyrene	16.52	252	326516	39.56	ng		98
90) Dibenzo(a,h)anthracene	18.40	278	310728	40.12	ng		98
91) Benzo(g,h,i)perylene	18.91	276	315484	39.05	ng		98

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

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