Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081229.D
Acq On : 26 Aug 2015 23:52
Operator : UM/IZ
Sample : G3385-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-6MS

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:42 PM

Quant Time: Aug 27 01:29:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53524	20.00	ng		-0.02
21) Naphthalene-d8	7.81	136	205974	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	89220	20.00	ng		-0.04
63) Phenanthrene-d10	11.02	188	179036	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	132065	20.00	ng		-0.04
86) Perylene-d12	14.95	264	112828	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	409869	115.18	ng		0.00
7) Phenol-d6	6.18	99	557546	120.08	ng		-0.01
23) Nitrobenzene-d5	7.10	82	407605	90.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.33	330	91263	118.00	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	603192	88.58	ng		-0.02
78) Terphenyl-d14	12.60	244	499230	81.04	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	61237	36.52	ng	#	73
3) Pyridine	2.64	79	129134m	27.28	ng		
4) n-Nitrosodimethylamine	2.57	42	99081	37.60	ng	#	67
6) Aniline	6.18	93	122177	18.10	ng	#	1
8) 2-Chlorophenol	6.31	128	154648	39.70	ng		84
9) Benzaldehyde	6.06	77	21081	7.04	ng		93
10) Phenol	6.19	94	190469	34.73	ng	#	69
11) bis(2-Chloroethyl)ether	6.26	93	170318	40.48	ng		90
12) 1,3-Dichlorobenzene	6.46	146	161086	38.49	ng		98
13) 1,4-Dichlorobenzene	6.54	146	163901	39.55	ng		98
14) 1,2-Dichlorobenzene	6.69	146	143991	37.12	ng		99
15) Benzyl Alcohol	6.67	79	145296	38.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.81	45	312959	37.85	ng		87
17) 2-Methylphenol	6.80	107	133512	39.95	ng		97
18) Hexachloroethane	7.03	117	62711	37.45	ng		94
19) n-Nitroso-di-n-propylamine	6.96	70	132262	41.12	ng	#	82
20) 3+4-Methylphenols	6.96	107	170395	40.17	ng	#	44
22) Acetophenone	6.94	105	242263	44.80	ng	#	86
24) Nitrobenzene	7.11	77	195045	41.37	ng		97
25) Isophorone	7.36	82	339360	40.36	ng	#	92
26) 2-Nitrophenol	7.43	139	88369	45.07	ng	#	68
27) 2,4-Dimethylphenol	7.49	122	150468	43.38	ng		90
28) bis(2-Chloroethoxy)methane	7.58	93	225641	45.42	ng		99
29) 2,4-Dichlorophenol	7.67	162	120978	41.43	ng		88
30) 1,2,4-Trichlorobenzene	7.75	180	131379	40.48	ng		97
31) Naphthalene	7.83	128	466127	40.60	ng		100
32) Benzoic acid	7.59	122	28909	14.82	ng		91
33) 4-Chloroaniline	7.89	127	62726	12.95	ng	#	87
34) Hexachlorobutadiene	7.95	225	74208	40.43	ng		96
35) Caprolactam	8.26	113	43100m	42.23	ng		
36) 4-Chloro-3-methylphenol	8.38	107	154671	44.44	ng		98
37) 2-Methylnaphthalene	8.51	142	297424	41.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	130761	45.43	ng		99
40) Hexachlorocyclopentadiene	8.67	237	121832	81.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	89125	43.83	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	85132	41.89	ng	#	89
45) 1,1'-Biphenyl	8.98	154	387080	49.25	ng		96
46) 2-Chloronaphthalene	9.01	162	265967	42.13	ng		97
47) 2-Nitroaniline	9.10	65	101110	39.13	ng		99
48) Acenaphthylene	9.41	152	419178	37.12	ng		99
49) Dimethylphthalate	9.29	163	306861	41.76	ng		100
50) 2,6-Dinitrotoluene	9.35	165	62704	39.75	ng	#	69
51) Acenaphthene	9.58	154	244483	36.16	ng		99
52) 3-Nitroaniline	9.51	138	49386	25.02	ng		99
53) 2,4-Dinitrophenol	9.62	184	33126	42.77	ng	#	62
54) Dibenzofuran	9.75	168	359112	39.64	ng		91
55) 4-Nitrophenol	9.69	139	91312	65.86	ng	#	83
56) 2,4-Dinitrotoluene	9.75	165	79271	37.91	ng	#	53
57) Fluorene	10.09	166	290395	41.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	72337m	45.98	ng		
59) Diethylphthalate	9.99	149	319806	41.12	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	137243	46.53	ng		93
61) 4-Nitroaniline	10.13	138	75057	37.20	ng		90
62) Azobenzene	10.25	77	411366	45.90	ng		92
64) 4,6-Dinitro-2-methylphenol	10.16	198	28122	26.30	ng	#	42
65) n-Nitrosodiphenylamine	10.22	169	286863	44.89	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	71969	40.92	ng	#	68
67) Hexachlorobenzene	10.63	284	75722	42.51	ng	#	75
68) Atrazine	10.74	200	81515	45.78	ng		98
69) Pentachlorophenol	10.83	266	85604	80.10	ng		98
70) Phenanthrene	11.04	178	440514	41.52	ng		99
71) Anthracene	11.09	178	437461	42.37	ng		99
72) Carbazole	11.25	167	434107	43.67	ng		99
73) Di-n-butylphthalate	11.60	149	540737	44.95	ng		99
74) Fluoranthene	12.22	202	509839	44.53	ng		98
76) Benzidine	12.34	184	142046	28.47	ng		98
77) Pyrene	12.44	202	464225	43.24	ng		99
79) Butylbenzylphthalate	13.08	149	209926	45.49	ng	#	68
80) Benzo(a)anthracene	13.61	228	418769	47.28	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	77537	27.03	ng		99
82) Chrysene	13.66	228	404982	50.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	298103	50.43	ng		99
84) Di-n-octyl phthalate	14.25	149	511454	56.93	ng		96
85) Indeno(1,2,3-cd)pyrene	16.12	276	298517	53.27	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	330950m	41.47	ng		
88) Benzo(k)fluoranthene	14.64	252	341288m	45.89	ng		
89) Benzo(a)pyrene	14.90	252	315005	45.30	ng	#	97
90) Dibenzo(a,h)anthracene	16.13	278	247365	45.65	ng	#	93
91) Benzo(g,h,i)perylene	16.46	276	251812	45.81	ng	#	89

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

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