Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080095.D
Acq On : 22 Jun 2015 15:41
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jun 23 01:11:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40926	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	154208	20.00	ng		0.00
38) Acenaphthene-d10	10.39	164	83568	20.00	ng		0.00
63) Phenanthrene-d10	11.92	188	166143	20.00	ng		0.01
75) Chrysene-d12	15.11	240	186230	20.00	ng		0.11
86) Perylene-d12	17.12	264	181992	20.00	ng		0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	290565	125.68	ng		0.00
7) Phenol-d6	6.93	99	372177	120.97	ng		0.00
23) Nitrobenzene-d5	7.88	82	221131	83.48	ng		0.00
41) 2,4,6-Tribromophenol	11.19	330	94594	115.76	ng		0.01
44) 2-Fluorobiphenyl	9.69	172	452368	77.20	ng		0.00
78) Terphenyl-d14	13.73	244	581597	72.94	ng		0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	17483	15.91	ng	#	83
3) Pyridine	4.05	79	51728	17.70	ng	#	80
4) n-Nitrosodimethylamine	3.93	42	26886	19.36	ng		90
6) Aniline	6.97	93	67941	16.05	ng		92
8) 2-Chlorophenol	7.10	128	51433	19.25	ng	#	78
9) Benzaldehyde	6.87	77	44063	24.81	ng	#	87
10) Phenol	6.94	94	67272	20.04	ng		84
11) bis(2-Chloroethyl)ether	7.04	93	51958	19.51	ng		86
12) 1,3-Dichlorobenzene	7.27	146	58646	18.27	ng		98
13) 1,4-Dichlorobenzene	7.34	146	62508m	20.48	ng		
14) 1,2-Dichlorobenzene	7.50	146	60123	20.24	ng		99
15) Benzyl Alcohol	7.44	79	46298	18.40	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.59	45	89631	22.67	ng		86
17) 2-Methylphenol	7.56	107	42014	18.41	ng	#	89
18) Hexachloroethane	7.84	117	18920	18.61	ng		94
19) n-Nitroso-di-n-propylamine	7.72	70	38810	18.17	ng	#	79
20) 3+4-Methylphenols	7.70	107	60155	20.42	ng		92
22) Acetophenone	7.72	105	77083	21.45	ng	#	79
24) Nitrobenzene	7.90	77	59955	21.93	ng	#	73
25) Isophorone	8.14	82	97192	18.23	ng	#	98
26) 2-Nitrophenol	8.22	139	26632	23.27	ng	#	61
27) 2,4-Dimethylphenol	8.24	122	55996	23.47	ng		86
28) bis(2-Chloroethoxy)methane	8.33	93	63330	20.22	ng	#	90
29) 2,4-Dichlorophenol	8.46	162	50667	24.79	ng		99
30) 1,2,4-Trichlorobenzene	8.55	180	52727	22.72	ng		97
31) Naphthalene	8.63	128	151257m	18.76	ng		
32) Benzoic acid	8.29	122	18784	13.02	ng	#	71
33) 4-Chloroaniline	8.68	127	51224m	14.85	ng		
34) Hexachlorobutadiene	8.76	225	31270	21.88	ng		97
35) Caprolactam	9.00	113	13446	20.27	ng	#	84
36) 4-Chloro-3-methylphenol	9.14	107	44018	19.10	ng		96
37) 2-Methylnaphthalene	9.33	142	110152	21.12	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	55400	22.78	ng		99
40) Hexachlorocyclopentadiene	9.49	237	20746	21.53	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	34923	21.11	ng		99
43) 2,4,5-Trichlorophenol	9.64	196	33901	17.78	ng	#	84
45) 1,1'-Biphenyl	9.80	154	145956	21.47	ng		97
46) 2-Chloronaphthalene	9.82	162	102281	18.54	ng	#	91
47) 2-Nitroaniline	9.91	65	27405	18.10	ng		93
48) Acenaphthylene	10.24	152	172446	18.73	ng		98
49) Dimethylphthalate	10.08	163	123412	19.64	ng	#	98
50) 2,6-Dinitrotoluene	10.14	165	22410	17.79	ng	#	29
51) Acenaphthene	10.42	154	102012	18.11	ng		97
52) 3-Nitroaniline	10.31	138	24974	17.19	ng	#	41
53) 2,4-Dinitrophenol	10.42	184	8499	21.20	ng	#	1
54) Dibenzofuran	10.60	168	154083	19.28	ng		97
55) 4-Nitrophenol	10.46	139	23071	19.86	ng	#	65
56) 2,4-Dinitrotoluene	10.55	165	33523	20.97	ng	#	76
57) Fluorene	10.94	166	134196	21.16	ng		90
58) 2,3,4,6-Tetrachlorophenol	10.71	232	29214	18.15	ng		96
59) Diethylphthalate	10.79	149	116571	18.43	ng		95
60) 4-Chlorophenyl-phenylether	10.93	204	58174	19.09	ng		93
61) 4-Nitroaniline	10.93	138	27646	18.42	ng	#	40
62) Azobenzene	11.09	77	124997	19.41	ng		92
64) 4,6-Dinitro-2-methylphenol	10.97	198	12727	20.54	ng	#	66
65) n-Nitrosodiphenylamine	11.04	169	106893	19.76	ng		93
66) 4-Bromophenyl-phenylether	11.43	248	37752	21.37	ng		92
67) Hexachlorobenzene	11.51	284	39410	20.07	ng	#	87
68) Atrazine	11.57	200	37270	21.80	ng		82
69) Pentachlorophenol	11.70	266	18590	16.71	ng		97
70) Phenanthrene	11.94	178	200726	19.96	ng		98
71) Anthracene	12.00	178	195668	20.20	ng		99
72) Carbazole	12.15	167	170527	18.44	ng		97
73) Di-n-butylphthalate	12.50	149	204755	19.17	ng	#	98
74) Fluoranthene	13.28	202	203434	18.99	ng		90
76) Benzidine	13.41	184	68785	13.21	ng		98
77) Pyrene	13.56	202	217124	18.94	ng		97
79) Butylbenzylphthalate	14.32	149	84540	18.36	ng	#	87
80) Benzo(a)anthracene	15.09	228	213798	18.84	ng		98
81) 3,3'-Dichlorobenzidine	15.04	252	51502	13.16	ng	#	93
82) Chrysene	15.15	228	200393	19.15	ng		94
83) Bis(2-ethylhexyl)phthalate	15.09	149	131512	18.07	ng	#	92
84) Di-n-octyl phthalate	15.99	149	222748	17.86	ng		97
85) Indeno(1,2,3-cd)pyrene	19.00	276	220373	16.70	ng	#	89
87) Benzo(b)fluoranthene	16.57	252	217762	19.76	ng	#	86
88) Benzo(k)fluoranthene	16.61	252	185826	16.56	ng	#	89
89) Benzo(a)pyrene	17.04	252	196107	18.74	ng	#	87
90) Dibenzo(a,h)anthracene	19.03	278	190505	17.79	ng	#	80
91) Benzo(g,h,i)perylene	19.56	276	191665	17.72	ng	#	77

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

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