Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080076.D
Acq On : 20 Jun 2015 2:38
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2015-02

Manual Integrations APPROVED
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6/22/2015 2:43:48 PM

Quant Time: Jun 20 04:17:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46303	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	188412	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	103425	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	213269	20.00	ng		-0.01
75) Chrysene-d12	14.76	240	245133	20.00	ng		-0.10
86) Perylene-d12	16.57	264	223759	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	331846	126.87	ng		0.00
7) Phenol-d6	6.93	99	401269	115.28	ng		-0.01
23) Nitrobenzene-d5	7.89	82	256398	79.22	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	125779	124.37	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	508502	70.12	ng		-0.01
78) Terphenyl-d14	13.53	244	714210	68.05	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	14682	11.81	ng		87
3) Pyridine	4.07	79	43848	13.26	ng	#	81
4) n-Nitrosodimethylamine	3.96	42	21925	13.95	ng		99
6) Aniline	6.98	93	55557	11.60	ng		94
8) 2-Chlorophenol	7.11	128	47004	15.55	ng		85
9) Benzaldehyde	6.88	77	35499	17.67	ng	#	88
10) Phenol	6.95	94	56092	14.77	ng		89
11) bis(2-Chloroethyl)ether	7.04	93	42450	14.09	ng		91
12) 1,3-Dichlorobenzene	7.27	146	51491m	14.18	ng		
13) 1,4-Dichlorobenzene	7.35	146	55992m	16.21	ng		
14) 1,2-Dichlorobenzene	7.51	146	48680	14.48	ng		99
15) Benzyl Alcohol	7.45	79	41686	14.65	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	75038	16.77	ng		89
17) 2-Methylphenol	7.56	107	39008	15.11	ng	#	81
18) Hexachloroethane	7.85	117	18659	16.22	ng	#	84
19) n-Nitroso-di-n-propylamine	7.72	70	32447	13.43	ng	#	81
20) 3+4-Methylphenols	7.70	107	50916	15.28	ng		84
22) Acetophenone	7.73	105	75710	17.24	ng	#	84
24) Nitrobenzene	7.91	77	48129	14.41	ng	#	82
25) Isophorone	8.14	82	96111	14.76	ng	#	85
26) 2-Nitrophenol	8.23	139	21616	15.46	ng	#	75
27) 2,4-Dimethylphenol	8.25	122	42507	14.58	ng		85
28) bis(2-Chloroethoxy)methane	8.34	93	63594	16.62	ng	#	91
29) 2,4-Dichlorophenol	8.47	162	39390	15.78	ng		97
30) 1,2,4-Trichlorobenzene	8.56	180	47975	16.92	ng		98
31) Naphthalene	8.64	128	146364m	14.86	ng		
32) Benzoic acid	8.29	122	11023	6.25	ng	#	55
33) 4-Chloroaniline	8.68	127	43685m	10.36	ng		
34) Hexachlorobutadiene	8.77	225	25881	14.82	ng		98
35) Caprolactam	9.01	113	11530	14.23	ng		98
36) 4-Chloro-3-methylphenol	9.14	107	43171	15.33	ng	#	77
37) 2-Methylnaphthalene	9.34	142	107648	16.89	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	49723	16.52	ng		96
40) Hexachlorocyclopentadiene	9.50	237	18767	17.42	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	31682	15.47	ng		97
43) 2,4,5-Trichlorophenol	9.65	196	33627	14.25	ng	#	94
45) 1,1'-Biphenyl	9.80	154	123859	14.72	ng		93
46) 2-Chloronaphthalene	9.83	162	100294	14.69	ng		95
47) 2-Nitroaniline	9.91	65	24504	13.07	ng	#	60
48) Acenaphthylene	10.25	152	167387	14.69	ng		98
49) Dimethylphthalate	10.08	163	115968	14.91	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	24348	15.62	ng	#	68
51) Acenaphthene	10.42	154	97145	13.93	ng		90
52) 3-Nitroaniline	10.32	138	23805	13.24	ng	#	59
53) 2,4-Dinitrophenol	10.44	184	6479	15.30	ng	#	1
54) Dibenzofuran	10.60	168	154998	15.67	ng	#	90
55) 4-Nitrophenol	10.47	139	18052	12.56	ng	#	68
56) 2,4-Dinitrotoluene	10.56	165	28821	14.57	ng	#	94
57) Fluorene	10.95	166	116699	14.87	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	30247	15.19	ng		96
59) Diethylphthalate	10.79	149	128509	16.41	ng		99
60) 4-Chlorophenyl-phenylether	10.93	204	58889	15.61	ng	#	88
61) 4-Nitroaniline	10.94	138	25462	13.71	ng	#	61
62) Azobenzene	11.09	77	122872	15.42	ng		87
64) 4,6-Dinitro-2-methylphenol	10.97	198	11965	16.38	ng		83
65) n-Nitrosodiphenylamine	11.04	169	107720	15.51	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	32600	14.38	ng	#	81
67) Hexachlorobenzene	11.51	284	34992	13.88	ng	#	76
68) Atrazine	11.56	200	32904	15.00	ng		84
69) Pentachlorophenol	11.69	266	16671	11.67	ng		95
70) Phenanthrene	11.92	178	185448	14.36	ng		97
71) Anthracene	11.97	178	186874	15.03	ng		99
72) Carbazole	12.12	167	171510	14.45	ng		96
73) Di-n-butylphthalate	12.44	149	188758	13.76	ng	#	98
74) Fluoranthene	13.15	202	191594	13.93	ng		95
76) Benzidine	13.26	184	52970	7.73	ng		99
77) Pyrene	13.40	202	211058	13.98	ng		97
79) Butylbenzylphthalate	14.06	149	79216	13.07	ng		96
80) Benzo(a)anthracene	14.75	228	211783	14.18	ng		97
81) 3,3'-Dichlorobenzidine	14.69	252	51582	10.01	ng	#	93
82) Chrysene	14.79	228	191580	13.91	ng		95
83) Bis(2-ethylhexyl)phthalate	14.71	149	130833	13.66	ng	#	91
84) Di-n-octyl phthalate	15.48	149	191151	11.65	ng		96
85) Indeno(1,2,3-cd)pyrene	18.41	276	201480	11.60	ng	#	88
87) Benzo(b)fluoranthene	16.04	252	194660	14.37	ng	#	88
88) Benzo(k)fluoranthene	16.07	252	191362	13.87	ng	#	91
89) Benzo(a)pyrene	16.49	252	185162	14.39	ng	#	88
90) Dibenzo(a,h)anthracene	18.44	278	173718	13.19	ng	#	80
91) Benzo(g,h,i)perylene	18.96	276	170694	12.84	ng	#	77

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

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