Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026365.D
Acq On : 21 Mar 2017 19:23
Operator : SJ/MA
Sample : I2296-02
Misc : LOQ 20 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2017

Manual Integrations APPROVED
mohammad
3/23/2017 3:31:54 PM

Quant Time: Mar 22 05:12:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135603	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	584147	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	341309	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	803531	20.00	ng		0.00
75) Chrysene-d12	21.63	240	923772	20.00	ng		0.00
86) Perylene-d12	24.81	264	911159	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	971001	127.09	ng		0.00
7) Phenol-d6	7.21	99	1262201	123.06	ng		0.00
23) Nitrobenzene-d5	9.21	82	869586	89.51	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	537678	137.56	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2285729	93.92	ng		0.00
78) Terphenyl-d14	19.98	244	3149035	82.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	65825	19.20	ng	#	69
3) Pyridine	3.91	79	182067	19.39	ng	#	59
4) n-Nitrosodimethylamine	3.82	42	43696	17.02	ng	#	1
6) Aniline	7.37	93	256682	18.73	ng	#	84
8) 2-Chlorophenol	7.61	128	163911	19.05	ng		82
9) Benzaldehyde	7.18	77	128436	18.55	ng	#	73
10) Phenol	7.23	94	206933	18.91	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	171954	19.16	ng	#	80
12) 1,3-Dichlorobenzene	7.94	146	200509	19.58	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	208029m	20.08	ng		
14) 1,2-Dichlorobenzene	8.40	146	199255	20.10	ng	#	92
15) Benzyl Alcohol	8.28	79	125033	18.59	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	171238	17.18	ng		81
17) 2-Methylphenol	8.48	107	150183	19.32	ng	#	79
18) Hexachloroethane	9.13	117	64767	19.12	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	124015	18.81	ng	#	69
20) 3+4-Methylphenols	8.81	107	207182	19.36	ng		85
22) Acetophenone	8.87	105	259999	19.36	ng	#	71
24) Nitrobenzene	9.24	77	181722	18.94	ng	#	74
25) Isophorone	9.76	82	348844	19.05	ng	#	89
26) 2-Nitrophenol	9.96	139	98852	19.81	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	160150	19.55	ng		85
28) bis(2-Chloroethoxy)methane	10.25	93	230979	19.42	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	168135	20.29	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	193890	20.83	ng		93
31) Naphthalene	10.90	128	591478	20.03	ng		99
32) Benzoic acid	10.12	122	106082	16.83	ng	#	71
33) 4-Chloroaniline	11.00	127	233962	19.48	ng	#	82
34) Hexachlorobutadiene	11.19	225	109923	20.02	ng		98
35) Caprolactam	11.75	113	60626	18.57	ng	#	51
36) 4-Chloro-3-methylphenol	12.11	107	170000	19.18	ng	#	74
37) 2-Methylnaphthalene	12.49	142	442267	20.44	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	214159	20.85	ng	#	98
40) Hexachlorocyclopentadiene	12.84	237	97104	17.96	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	132777	19.75	ng		93
43) 2,4,5-Trichlorophenol	13.17	196	151411	20.37	ng	#	92
45) 1,1'-Biphenyl	13.49	154	571050	20.20	ng		98
46) 2-Chloronaphthalene	13.54	162	417714	20.23	ng		94
47) 2-Nitroaniline	13.73	65	102707	17.49	ng	#	53
48) Acenaphthylene	14.38	152	727912	20.23	ng		98
49) Dimethylphthalate	14.10	163	517954	20.11	ng		97
50) 2,6-Dinitrotoluene	14.22	165	121059	20.13	ng	#	64
51) Acenaphthene	14.72	154	442616	19.97	ng		98
52) 3-Nitroaniline	14.55	138	127492	19.26	ng	#	67
53) 2,4-Dinitrophenol	14.76	184	51399	14.74	ng	#	72
54) Dibenzofuran	15.05	168	636683	20.40	ng	#	89
55) 4-Nitrophenol	14.85	139	104370	19.25	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	167464	19.80	ng	#	69
57) Fluorene	15.69	166	571876	20.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	129287	19.95	ng	#	97
59) Diethylphthalate	15.45	149	524809	19.93	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	270579	20.56	ng		88
61) 4-Nitroaniline	15.70	138	131487	18.78	ng	#	49
62) Azobenzene	15.97	77	401087	18.73	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	95928	18.94	ng		83
65) n-Nitrosodiphenylamine	15.89	169	479878	20.35	ng		100
66) 4-Bromophenyl-phenylether	16.57	248	176399	21.33	ng		92
67) Hexachlorobenzene	16.70	284	185485	21.02	ng		92
68) Atrazine	16.83	200	175525	19.66	ng		97
69) Pentachlorophenol	17.04	266	108610	18.93	ng		96
70) Phenanthrene	17.43	178	884849	20.51	ng		95
71) Anthracene	17.51	178	904744	20.55	ng		97
72) Carbazole	17.78	167	916928	20.23	ng	#	94
73) Di-n-butylphthalate	18.33	149	918709	19.73	ng	#	92
74) Fluoranthene	19.42	202	1047772	20.65	ng		94
76) Benzidine	19.60	184	559531	17.57	ng		95
77) Pyrene	19.79	202	1096255	20.49	ng		97
79) Butylbenzylphthalate	20.66	149	406581	19.00	ng	#	84
80) Benzo(a)anthracene	21.61	228	1056677	20.33	ng		94
81) 3,3'-Dichlorobenzidine	21.52	252	404125	18.99	ng	#	99
82) Chrysene	21.68	228	1007460	20.28	ng		97
83) Bis(2-ethylhexyl)phthalate	21.51	149	603953	18.68	ng		99
84) Di-n-octyl phthalate	22.70	149	1033346	18.73	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	1218834	19.88	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	1051575	19.58	ng	#	95
88) Benzo(k)fluoranthene	23.87	252	1062700	20.40	ng	#	92
89) Benzo(a)pyrene	24.66	252	1024823	19.89	ng	#	94
90) Dibenzo(a,h)anthracene	28.49	278	1025903	19.70	ng	#	92
91) Benzo(g,h,i)perylene	29.56	276	1035231	19.73	ng	#	89

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

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