Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032567.D
Acq On : 6 Feb 2018 15:54
Operator : SJ/JU
Sample : J1161-01
Misc : LOD-S-1 ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:28 PM

Quant Time: Feb 07 11:38:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	13812	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	56384	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	40851	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	135374	20.00	ng	0.00
75) Chrysene-d12	22.40	240	165738	20.00	ng	0.00
86) Perylene-d12	26.07	264	204860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	83987	122.13	ng	0.01
7) Phenol-d6	7.84	99	111517	121.53	ng	0.01
23) Nitrobenzene-d5	9.91	82	53823	59.62	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	93124	119.76	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	213256	62.05	ng	0.00
78) Terphenyl-d14	20.61	244	572814	74.03	ng	0.00
Target Compounds						Qvalue
3) Pyridine	4.29	79	166	0.266	ng	# 15
4) n-Nitrosodimethylamine	4.22	42	112	0.344	ng	# 1
6) Aniline	8.02	93	558	0.488	ng	# 41
8) 2-Chlorophenol	8.27	128	1057	1.300	ng	# 59
9) Benzaldehyde	7.83	77	600	1.266	ng	# 76
10) Phenol	7.87	94	1160m	1.331	ng	
11) bis(2-Chloroethyl)ether	8.12	93	654m	0.985	ng	
12) 1,3-Dichlorobenzene	8.60	146	1105	1.005	ng	# 79
13) 1,4-Dichlorobenzene	8.76	146	1184	1.075	ng	# 64
14) 1,2-Dichlorobenzene	9.08	146	1065	0.987	ng	# 64
15) Benzyl Alcohol	8.96	79	194	0.257	ng	# 18
16) 2,2'-oxybis(1-Chloropropan	9.24	45	503	0.799	ng	75
17) 2-Methylphenol	9.17	107	261	0.369	ng	# 37
18) Hexachloroethane	9.83	117	393	1.062	ng	# 34
19) n-Nitroso-di-n-propylamine	9.53	70	279	0.459	ng	# 82
20) 3+4-Methylphenols	9.50	107	382	0.385	ng	# 24
22) Acetophenone	9.55	105	628	0.475	ng	# 56
24) Nitrobenzene	9.95	77	940m	1.077	ng	
25) Isophorone	10.47	82	1751	1.139	ng	# 74
26) 2-Nitrophenol	10.69	139	189	0.358	ng	# 59
27) 2,4-Dimethylphenol	10.73	122	424	0.560	ng	# 49
31) Naphthalene	11.64	128	3114	1.131	ng	# 74
34) Hexachlorobutadiene	11.91	225	964	0.927	ng	# 88
37) 2-Methylnaphthalene	13.21	142	1895m	0.819	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	1860	0.973	ng	# 83
45) 1,1'-Biphenyl	14.18	154	3913	1.134	ng	98
46) 2-Chloronaphthalene	14.25	162	2688	0.994	ng	# 76
47) 2-Nitroaniline	14.44	65	233	0.389	ng	# 50
48) Acenaphthylene	15.07	152	4575	1.119	ng	# 93
49) Dimethylphthalate	14.76	163	3313	0.880	ng	# 93
50) 2,6-Dinitrotoluene	14.90	165	657	0.831	ng	# 48
51) Acenaphthene	15.40	154	3101	1.093	ng	# 81
54) Dibenzofuran	15.73	168	4226	1.007	ng	# 82
57) Fluorene	16.38	166	3720	1.066	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	15.95	232	613	0.513	ng	#	48
59) Diethylphthalate	16.11	149	3535	0.964	ng		97
62) Azobenzene	16.66	77	2063	0.941	ng		77
65) n-Nitrosodiphenylamine	16.57	169	3195	0.791	ng	#	73
66) 4-Bromophenyl-phenylether	17.25	248	1923	0.959	ng	#	61
67) Hexachlorobenzene	17.38	284	2458	1.107	ng	#	88
68) Atrazine	17.50	200	1911	1.102	ng		90
70) Phenanthrene	18.12	178	8006	1.060	ng	#	88
71) Anthracene	18.21	178	8153	1.085	ng	#	85
72) Carbazole	18.48	167	6333	0.954	ng		97
73) Di-n-butylphthalate	18.98	149	7462	1.015	ng	#	94
74) Fluoranthene	20.08	202	10114	1.022	ng		99
77) Pyrene	20.44	202	10986	1.081	ng		96
79) Butylbenzylphthalate	21.30	149	3423	1.068	ng	#	87
80) Benzo(a)anthracene	22.38	228	11423	1.112	ng		96
82) Chrysene	22.45	228	11034	1.112	ng	#	87
83) Bis(2-ethylhexyl)phthalate	22.22	149	5304	1.167	ng	#	91
84) Di-n-octyl phthalate	23.58	149	8169	1.133	ng	#	74
85) Indeno(1,2,3-cd)pyrene	30.30	276	13124m	1.046	ng		
87) Benzo(b)fluoranthene	24.89	252	11477	0.927	ng	#	90
88) Benzo(k)fluoranthene	24.97	252	12309	1.004	ng	#	96
89) Benzo(a)pyrene	25.90	252	11200	0.949	ng	#	91
90) Dibenzo(a,h)anthracene	30.38	278	10143	0.840	ng	#	82
91) Benzo(g,h,i)perylene	31.65	276	11248m	0.939	ng		

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

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