Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034086.D
Acq On : 1 May 2018 19:51
Operator : SJ/JU
Sample : J2133-01
Misc : 1PPM LOD
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:43 PM

Quant Time: May 02 05:40:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55555	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	234551	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	187987	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	505507	20.00	ng		0.00
75) Chrysene-d12	21.76	240	590882	20.00	ng		0.00
86) Perylene-d12	25.05	264	577492	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	459839	133.73	ng		0.00
7) Phenol-d6	7.22	99	684793	127.92	ng		0.00
23) Nitrobenzene-d5	9.24	82	487285	79.71	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	347502	133.50	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1037788	80.44	ng		0.00
78) Terphenyl-d14	20.09	244	2109887	78.22	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.40	93	6720	0.923	ng	#	77
8) 2-Chlorophenol	7.63	128	3510	1.023	ng	#	30
9) Benzaldehyde	7.22	77	4954	0.056	ng	#	50
10) Phenol	7.24	94	4683	0.867	ng	#	1
11) bis(2-Chloroethyl)ether	7.49	93	5220	1.228	ng	#	66
12) 1,3-Dichlorobenzene	7.96	146	5170	1.191	ng	#	78
13) 1,4-Dichlorobenzene	8.11	146	4991	1.158	ng	#	88
14) 1,2-Dichlorobenzene	8.44	146	4651	1.136	ng	#	84
15) Benzyl Alcohol	8.31	79	6561	1.149	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.61	45	5785	0.989	ng		69
18) Hexachloroethane	9.17	117	2108	1.149	ng	#	45
24) Nitrobenzene	9.28	77	7666	1.146	ng	#	68
31) Naphthalene	10.94	128	12550	1.018	ng	#	89
34) Hexachlorobutadiene	11.23	225	4225	0.966	ng	#	82
37) 2-Methylnaphthalene	12.55	142	9182	0.919	ng	#	53
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	6629	0.911	ng	#	83
45) 1,1'-Biphenyl	13.55	154	18620	1.268	ng		83
46) 2-Chloronaphthalene	13.60	162	11179	1.005	ng		96
47) 2-Nitroaniline	13.79	65	3552	0.799	ng	#	60
48) Acenaphthylene	14.44	152	18157	1.023	ng	#	94
49) Dimethylphthalate	14.17	163	14981	0.919	ng		96
50) 2,6-Dinitrotoluene	14.28	165	2080	0.664	ng	#	67
51) Acenaphthene	14.78	154	12583	1.043	ng	#	71
54) Dibenzofuran	15.12	168	17820	1.019	ng	#	88
57) Fluorene	15.76	166	15652	1.027	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	4525	0.936	ng	#	95
59) Diethylphthalate	15.54	149	18776	1.088	ng	#	91
62) Azobenzene	16.05	77	20270	1.088	ng		91
65) n-Nitrosodiphenylamine	15.98	169	15044	1.091	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	5826	0.928	ng	#	91
67) Hexachlorobenzene	16.77	284	5895	0.925	ng	#	71
68) Atrazine	16.92	200	4396	1.432	ng		91
70) Phenanthrene	17.52	178	28234	1.087	ng		95
71) Anthracene	17.60	178	26068m	0.990	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.86	167	23242	0.964	ng	#	93
73) Di-n-butylphthalate	18.44	149	29007	1.000	ng		96
74) Fluoranthene	19.53	202	36937	1.125	ng		88
77) Pyrene	19.88	202	36061	0.974	ng		98
79) Butylbenzylphthalate	20.78	149	13867	0.960	ng		85
80) Benzo(a)anthracene	21.74	228	39019m	1.030	ng		
82) Chrysene	21.81	228	34368	0.948	ng		96
83) Bis(2-ethylhexyl)phthalate	21.68	149	19136	0.962	ng	#	87
84) Di-n-octyl phthalate	22.93	149	28209	0.888	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	34037m	0.853	ng		
87) Benzo(b)fluoranthene	24.01	252	34950	0.958	ng	#	93
88) Benzo(k)fluoranthene	24.07	252	34834	0.999	ng		93
89) Benzo(a)pyrene	24.88	252	31892	0.934	ng	#	86
90) Dibenzo(a,h)anthracene	28.87	278	29496m	0.917	ng		
91) Benzo(g,h,i)perylene	29.95	276	31366m	0.989	ng		

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

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