Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032568.D
Acq On : 6 Feb 2018 16:32
Operator : SJ/JU
Sample : J1161-03
Misc : LOD-S-1 ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:29 PM

Quant Time: Feb 07 13:38:49 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	8.70	152	13381	20.00	ng		0.00
21) Naphthalene-d8	11.58	136	67561	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	47418	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	127210	20.00	ng		0.00
75) Chrysene-d12	22.40	240	154432	20.00	ng		0.00
86) Perylene-d12	26.06	264	192510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	92116	138.27	ng		0.00
7) Phenol-d6	7.82	99	115500	129.92	ng		0.00
23) Nitrobenzene-d5	9.90	82	72340	66.88	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	107236	118.81	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	277138	69.47	ng		0.00
78) Terphenyl-d14	20.61	244	661180	91.71	ng		0.00
Target Compounds							Qvalue
6) Aniline	8.02	93	520	0.469	ng	#	84
8) 2-Chlorophenol	8.26	128	718	0.912	ng	#	33
9) Benzaldehyde	7.82	77	472	1.028	ng	#	70
10) Phenol	7.86	94	918	1.087	ng	#	12
11) bis(2-Chloroethyl)ether	8.10	93	374	0.581	ng	#	67
12) 1,3-Dichlorobenzene	8.60	146	1111m	1.043	ng		
13) 1,4-Dichlorobenzene	8.75	146	1418	1.328	ng	#	92
14) 1,2-Dichlorobenzene	9.07	146	1310	1.253	ng	#	75
15) Benzyl Alcohol	8.97	79	90	0.123	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	9.22	45	260	0.427	ng		75
18) Hexachloroethane	9.83	117	598	1.669	ng	#	63
24) Nitrobenzene	9.94	77	1184m	1.132	ng		
31) Naphthalene	11.63	128	3850	1.167	ng	#	64
34) Hexachlorobutadiene	11.90	225	1383	1.109	ng	#	80
37) 2-Methylnaphthalene	13.20	142	2790	1.006	ng	#	77
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	2499	1.127	ng	#	88
45) 1,1'-Biphenyl	14.18	154	5279	1.318	ng		84
46) 2-Chloronaphthalene	14.23	162	3714	1.183	ng	#	91
47) 2-Nitroaniline	14.43	65	246	0.354	ng	#	61
48) Acenaphthylene	15.07	152	5417	1.141	ng		97
49) Dimethylphthalate	14.76	163	4761	1.089	ng	#	83
50) 2,6-Dinitrotoluene	14.90	165	811	0.884	ng	#	84
51) Acenaphthene	15.40	154	3477	1.056	ng	#	87
54) Dibenzofuran	15.74	168	5870	1.205	ng	#	89
57) Fluorene	16.38	166	4993	1.233	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	15.95	232	1050	0.757	ng	#	90
59) Diethylphthalate	16.10	149	5012	1.177	ng	#	87
62) Azobenzene	16.64	77	2634	1.035	ng	#	77
65) n-Nitrosodiphenylamine	16.57	169	3695	0.973	ng	#	59
66) 4-Bromophenyl-phenylether	17.25	248	1875	0.995	ng	#	75
67) Hexachlorobenzene	17.38	284	2573	1.234	ng	#	81
68) Atrazine	17.48	200	1787	1.097	ng		91
70) Phenanthrene	18.12	178	8536	1.203	ng		98
71) Anthracene	18.21	178	8499	1.203	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.48	167	7245	1.161	ng	#	85
73) Di-n-butylphthalate	18.97	149	8365	1.211	ng	#	92
74) Fluoranthene	20.08	202	12433	1.336	ng		90
77) Pyrene	20.44	202	13109m	1.384	ng		
79) Butylbenzylphthalate	21.30	149	3846	1.287	ng	#	62
80) Benzo(a)anthracene	22.38	228	12297	1.284	ng		94
82) Chrysene	22.45	228	11428	1.236	ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	5145	1.215	ng	#	89
84) Di-n-octyl phthalate	23.59	149	9054	1.347	ng	#	79
85) Indeno(1,2,3-cd)pyrene	30.30	276	14134m	1.208	ng		
87) Benzo(b)fluoranthene	24.89	252	12880	1.107	ng	#	98
88) Benzo(k)fluoranthene	24.96	252	14501m	1.258	ng		
89) Benzo(a)pyrene	25.90	252	13600	1.226	ng	#	86
90) Dibenzo(a,h)anthracene	30.36	278	12696m	1.119	ng		
91) Benzo(g,h,i)perylene	31.64	276	12734	1.131	ng	#	71

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

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