Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034091.D
Acq On : 1 May 2018 23:02
Operator : SJ/JU
Sample : J2133-03
Misc : 1PPM MDL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:48 PM

Quant Time: May 02 15:49:48 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	54400	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	230363	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	177431	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	495799	20.00	ng		0.00
75) Chrysene-d12	21.76	240	609366	20.00	ng		0.00
86) Perylene-d12	25.05	264	592902	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	480055	142.57	ng		0.00
7) Phenol-d6	7.22	99	700586	133.65	ng		0.00
23) Nitrobenzene-d5	9.23	82	496161	82.64	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	349258	142.15	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1034600m	84.97	ng		0.00
78) Terphenyl-d14	20.09	244	2153421	77.42	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.39	93	7895	1.107	ng	#	96
8) 2-Chlorophenol	7.64	128	3657	1.088	ng	#	65
9) Benzaldehyde	7.22	77	4963m	0.087	ng		
10) Phenol	7.24	94	5692	1.077	ng	#	1
11) bis(2-Chloroethyl)ether	7.49	93	4993	1.200	ng	#	72
12) 1,3-Dichlorobenzene	7.96	146	4188	0.985	ng	#	91
13) 1,4-Dichlorobenzene	8.11	146	5164m	1.223	ng		
14) 1,2-Dichlorobenzene	8.43	146	4186	1.044	ng		89
15) Benzyl Alcohol	8.31	79	4845	0.866	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.60	45	6129	1.070	ng		73
18) Hexachloroethane	9.17	117	1891	1.053	ng	#	49
24) Nitrobenzene	9.27	77	6238	0.949	ng	#	86
31) Naphthalene	10.94	128	13140	1.085	ng	#	91
34) Hexachlorobutadiene	11.23	225	4365	1.016	ng	#	69
37) 2-Methylnaphthalene	12.55	142	9878	1.006	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	8538	1.244	ng	#	86
45) 1,1'-Biphenyl	13.55	154	15523	1.120	ng		92
46) 2-Chloronaphthalene	13.59	162	11359	1.082	ng		94
47) 2-Nitroaniline	13.79	65	3375	0.804	ng	#	50
48) Acenaphthylene	14.44	152	17720	1.058	ng	#	89
49) Dimethylphthalate	14.17	163	17031	1.107	ng	#	96
50) 2,6-Dinitrotoluene	14.28	165	2612	0.884	ng	#	63
51) Acenaphthene	14.78	154	11285	0.991	ng		99
54) Dibenzofuran	15.11	168	18325	1.110	ng		91
57) Fluorene	15.77	166	16618	1.155	ng	#	82
58) 2,3,4,6-Tetrachlorophenol	15.33	232	4004	0.878	ng	#	86
59) Diethylphthalate	15.53	149	16179	0.994	ng	#	97
62) Azobenzene	16.05	77	17339	0.986	ng		87
65) n-Nitrosodiphenylamine	15.97	169	12713	0.940	ng	#	90
66) 4-Bromophenyl-phenylether	16.66	248	6709	1.090	ng		94
67) Hexachlorobenzene	16.76	284	5611	0.898	ng	#	88
68) Atrazine	16.91	200	4329	1.434	ng		88
70) Phenanthrene	17.51	178	27632	1.085	ng	#	93
71) Anthracene	17.60	178	24874	0.963	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.86	167	24958	1.056	ng	#	94
73) Di-n-butylphthalate	18.44	149	30198	1.061	ng	#	98
74) Fluoranthene	19.52	202	36214	1.125	ng		94
77) Pyrene	19.88	202	36346m	0.952	ng		
79) Butylbenzylphthalate	20.78	149	12173	0.817	ng	#	71
80) Benzo(a)anthracene	21.74	228	42018	1.076	ng		97
82) Chrysene	21.81	228	38233m	1.023	ng		
83) Bis(2-ethylhexyl)phthalate	21.68	149	20855	1.017	ng	#	98
84) Di-n-octyl phthalate	22.92	149	32397	0.989	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	33437m	0.813	ng		
87) Benzo(b)fluoranthene	24.00	252	35287	0.942	ng		98
88) Benzo(k)fluoranthene	24.06	252	34159	0.954	ng	#	81
89) Benzo(a)pyrene	24.89	252	32869	0.938	ng	#	95
90) Dibenzo(a,h)anthracene	28.87	278	31535	0.955	ng	#	89
91) Benzo(g,h,i)perylene	29.93	276	30866m	0.948	ng		

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

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