Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099095.D
Acq On : 5 Oct 2017 10:39
Operator : SJ/JU
Sample : I5275-01
Misc : LOD 1 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL-01-QT4-2017

Manual Integrations APPROVED
Sohil
10/6/2017 5:34:46 PM

Quant Time: Oct 06 14:16:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114006	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	480960	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	229489	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	422329	20.00	ng		0.00
75) Chrysene-d12	14.03	240	353996	20.00	ng		0.00
86) Perylene-d12	15.50	264	319544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1013181	141.47	ng		0.00
7) Phenol-d6	6.50	99	1219804	138.07	ng		0.00
23) Nitrobenzene-d5	7.43	82	622138	82.95	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	274796	146.34	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1157479	84.20	ng		0.00
78) Terphenyl-d14	12.97	244	1046739	67.25	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.53	93	12050	1.011	ng		95
8) 2-Chlorophenol	6.65	128	9761	1.204	ng		97
9) Benzaldehyde	6.42	77	4107	0.801	ng		92
10) Phenol	6.50	94	10697	1.083	ng	#	6
11) bis(2-Chloroethyl)ether	6.60	93	8386	1.092	ng		89
12) 1,3-Dichlorobenzene	6.80	146	9578	1.128	ng		97
13) 1,4-Dichlorobenzene	6.88	146	9785	1.132	ng		96
14) 1,2-Dichlorobenzene	7.03	146	9353	1.171	ng		91
15) Benzyl Alcohol	7.02	79	15455	2.385	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.13	45	12307	1.028	ng		98
18) Hexachloroethane	7.37	117	3266	1.051	ng		92
24) Nitrobenzene	7.45	77	11087	1.303	ng		99
31) Naphthalene	8.17	128	26993	1.195	ng		100
34) Hexachlorobutadiene	8.28	225	3822	1.118	ng		98
37) 2-Methylnaphthalene	8.86	142	16910	1.152	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	7793	1.139	ng		95
45) 1,1'-Biphenyl	9.32	154	25772	1.307	ng		96
46) 2-Chloronaphthalene	9.35	162	16996	1.148	ng		97
47) 2-Nitroaniline	9.44	65	3939	0.869	ng		97
48) Acenaphthylene	9.76	152	25521	1.126	ng		99
49) Dimethylphthalate	9.61	163	20035	1.157	ng		98
50) 2,6-Dinitrotoluene	9.68	165	4107	1.089	ng		91
51) Acenaphthene	9.93	154	15678	1.092	ng		96
54) Dibenzofuran	10.10	168	22861	1.196	ng		100
57) Fluorene	10.45	166	19575	1.274	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	2664	0.797	ng	#	92
59) Diethylphthalate	10.32	149	19833	1.172	ng		96
62) Azobenzene	10.60	77	16669	1.071	ng		96
65) n-Nitrosodiphenylamine	10.56	169	16481	1.126	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	4667	1.129	ng		95
67) Hexachlorobenzene	11.00	284	5256	1.190	ng		92
68) Atrazine	11.07	200	4442	1.009	ng		92
70) Phenanthrene	11.41	178	28561	1.263	ng		96
71) Anthracene	11.46	178	27322	1.181	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.62	167	26409	1.166	ng		99
73) Di-n-butylphthalate	11.94	149	31137	1.142	ng		99
74) Fluoranthene	12.60	202	26946	1.177	ng		97
77) Pyrene	12.83	202	28554	1.058	ng		99
79) Butylbenzylphthalate	13.44	149	13005	1.025	ng		97
80) Benzo(a)anthracene	14.02	228	24717	1.153	ng		98
82) Chrysene	14.05	228	23030	1.129	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	19601	1.122	ng	#	95
84) Di-n-octyl phthalate	14.60	149	30612	1.088	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.97	276	18738	1.148	ng		94
87) Benzo(b)fluoranthene	15.06	252	21221	1.080	ng	#	94
88) Benzo(k)fluoranthene	15.09	252	20996m	1.082	ng		
89) Benzo(a)pyrene	15.43	252	18813	1.043	ng		93
90) Dibenzo(a,h)anthracene	16.99	278	15044	1.042	ng		94
91) Benzo(g,h,i)perylene	17.42	276	13760	0.964	ng		97

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

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