Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096727.D
Acq On : 13 Jul 2017 14:58
Operator : SJ/JU
Sample : I3757-01
Misc : 1PPM LOD
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL-01-QT3-2017

Manual Integrations APPROVED
mohammad
7/17/2017 8:11:11 AM

Quant Time: Jul 14 16:22:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112508	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	476640	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	209203	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	368737	20.00	ng		0.00
75) Chrysene-d12	13.77	240	273032	20.00	ng		0.00
86) Perylene-d12	15.15	264	185319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	913839	122.13	ng		0.00
7) Phenol-d6	6.28	99	1094473	121.89	ng		0.00
23) Nitrobenzene-d5	7.20	82	745360	96.86	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	218362	122.28	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1196033	90.33	ng		0.00
78) Terphenyl-d14	12.73	244	997934	63.39	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.29	93	10691	0.967	ng	#	45
8) 2-Chlorophenol	6.42	128	8162	1.011	ng	#	76
9) Benzaldehyde	6.18	77	3877	0.747	ng		86
10) Phenol	6.29	94	10653	1.049	ng		85
11) bis(2-Chloroethyl)ether	6.37	93	7447	0.976	ng	#	82
12) 1,3-Dichlorobenzene	6.57	146	8925	1.040	ng		97
13) 1,4-Dichlorobenzene	6.65	146	9123	1.050	ng		91
14) 1,2-Dichlorobenzene	6.80	146	8316m	1.052	ng		
15) Benzyl Alcohol	6.79	79	17069	2.903	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	6.92	45	16662	1.058	ng		91
18) Hexachloroethane	7.15	117	2904	0.942	ng		84
24) Nitrobenzene	7.21	77	10578	1.329	ng		96
31) Naphthalene	7.93	128	23046	1.021	ng	#	94
34) Hexachlorobutadiene	8.06	225	3386	1.012	ng		96
37) 2-Methylnaphthalene	8.63	142	15551	1.080	ng		93
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	5786	1.023	ng		97
45) 1,1'-Biphenyl	9.09	154	22947	1.279	ng		94
46) 2-Chloronaphthalene	9.11	162	14762	1.117	ng		91
47) 2-Nitroaniline	9.20	65	4270	0.940	ng	#	83
48) Acenaphthylene	9.52	152	22344	1.061	ng		99
49) Dimethylphthalate	9.39	163	17321	1.100	ng		96
50) 2,6-Dinitrotoluene	9.45	165	3262	0.956	ng	#	81
51) Acenaphthene	9.70	154	13892	1.117	ng		96
54) Dibenzofuran	9.87	168	19747	1.133	ng	#	91
57) Fluorene	10.21	166	16580	1.288	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	2474	0.848	ng	#	92
59) Diethylphthalate	10.09	149	16441	1.072	ng		96
62) Azobenzene	10.37	77	14132	1.045	ng		91
65) n-Nitrosodiphenylamine	10.32	169	13275	1.007	ng		90
66) 4-Bromophenyl-phenylether	10.69	248	3560	0.946	ng		97
67) Hexachlorobenzene	10.76	284	4267	1.018	ng		100
68) Atrazine	10.85	200	3367	0.897	ng		86
70) Phenanthrene	11.16	178	22631	1.129	ng		99
71) Anthracene	11.22	178	20520	1.012	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.37	167	21475	1.094	ng		96
73) Di-n-butylphthalate	11.72	149	25503	1.043	ng		99
74) Fluoranthene	12.35	202	21118	1.100	ng		97
77) Pyrene	12.57	202	22206	0.896	ng		96
79) Butylbenzylphthalate	13.20	149	10205	1.734	ng	#	83
80) Benzo(a)anthracene	13.76	228	17313	1.018	ng		95
82) Chrysene	13.79	228	16833	1.005	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	14804	1.033	ng	#	95
84) Di-n-octyl phthalate	14.38	149	21157	0.893	ng	#	79
85) Indeno(1,2,3-cd)pyrene	16.45	276	13413	4.161	ng	#	91
87) Benzo(b)fluoranthene	14.77	252	13530	1.211	ng		95
88) Benzo(k)fluoranthene	14.79	252	12512m	1.182	ng		
89) Benzo(a)pyrene	15.09	252	11027	1.076	ng	#	95
90) Dibenzo(a,h)anthracene	16.47	278	11433	1.212	ng	#	88
91) Benzo(g,h,i)perylene	16.84	276	11592	1.148	ng		98

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

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