Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010803.D
Acq On : 13 Jul 2017 09:29
Operator : SJ/JU
Sample : I3757-01
Misc : 1PPM LOD
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jul 13 13:04:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	217172	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	904843	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	601329	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1423241	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1436108	20.00	ng		0.00
86) Perylene-d12	23.20	264	1194610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1873096	142.87	ng		0.00
7) Phenol-d6	6.64	99	2543967	140.75	ng		0.00
23) Nitrobenzene-d5	8.59	82	2302305	97.80	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1321975	143.86	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5021982	103.89	ng		0.00
78) Terphenyl-d14	19.51	244	6867351	92.49	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.79	93	22227	0.982	ng	#	87
8) 2-Chlorophenol	7.02	128	13353	1.029	ng	#	77
9) Benzaldehyde	6.60	77	10682	0.851	ng	#	78
10) Phenol	6.66	94	20190	1.057	ng	#	55
11) bis(2-Chloroethyl)ether	6.89	93	16172	1.099	ng		87
12) 1,3-Dichlorobenzene	7.33	146	16679	1.040	ng	#	78
13) 1,4-Dichlorobenzene	7.48	146	16879	1.020	ng		92
14) 1,2-Dichlorobenzene	7.79	146	17061	1.082	ng	#	91
15) Benzyl Alcohol	7.70	79	14825	0.866	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.97	45	12112	0.949	ng		88
18) Hexachloroethane	8.51	117	6562	0.945	ng	#	77
24) Nitrobenzene	8.63	77	23643	0.980	ng	#	88
31) Naphthalene	10.25	128	39414	0.857	ng		96
34) Hexachlorobutadiene	10.55	225	12910	0.841	ng	#	82
37) 2-Methylnaphthalene	11.87	142	31291	0.947	ng	#	82
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	23993	0.915	ng	#	100
45) 1,1'-Biphenyl	12.92	154	55501	1.059	ng		89
46) 2-Chloronaphthalene	12.96	162	35153	0.915	ng	#	90
47) 2-Nitroaniline	13.17	65	10609	0.840	ng		86
48) Acenaphthylene	13.82	152	48687	0.852	ng		98
49) Dimethylphthalate	13.56	163	44075	0.862	ng	#	95
50) 2,6-Dinitrotoluene	13.67	165	7875	0.785	ng	#	53
51) Acenaphthene	14.16	154	34932	1.001	ng		94
54) Dibenzofuran	14.50	168	50330	0.891	ng		95
57) Fluorene	15.15	166	44402	0.915	ng	#	91
58) 2,3,4,6-Tetrachlorophenol	14.73	232	11167	0.754	ng	#	100
59) Diethylphthalate	14.95	149	43101	0.853	ng	#	90
62) Azobenzene	15.45	77	36945	0.720	ng		88
65) n-Nitrosodiphenylamine	15.37	169	35759	0.878	ng		93
66) 4-Bromophenyl-phenylether	16.05	248	18156	1.007	ng	#	83
67) Hexachlorobenzene	16.15	284	17577	0.852	ng	#	71
68) Atrazine	16.33	200	13151	0.780	ng		86
70) Phenanthrene	16.89	178	70869	0.957	ng		99
71) Anthracene	16.98	178	58859	0.801	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.26	167	53174	0.821	ng	#	96
73) Di-n-butylphthalate	17.84	149	54565	0.713	ng	#	95
74) Fluoranthene	18.92	202	72847	0.794	ng		96
77) Pyrene	19.29	202	72233	0.868	ng	#	96
79) Butylbenzylphthalate	20.22	149	20615	0.707	ng	#	76
80) Benzo(a)anthracene	21.05	228	73242	0.880	ng		94
82) Chrysene	21.10	228	67751	0.855	ng	#	93
83) Bis(2-ethylhexyl)phthalate	21.01	149	31602	0.745	ng		94
84) Di-n-octyl phthalate	21.86	149	48279	0.694	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.30	276	68541	0.754	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	61889	0.816	ng	#	82
88) Benzo(k)fluoranthene	22.60	252	66141	0.913	ng	#	87
89) Benzo(a)pyrene	23.10	252	58295	0.844	ng	#	91
90) Dibenzo(a,h)anthracene	25.31	278	56386	0.841	ng	#	86
91) Benzo(g,h,i)perylene	25.94	276	56059	0.851	ng	#	85

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

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