Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026361.D
Acq On : 21 Mar 2017 16:45
Operator : SJ/MA
Sample : I2296-01
Misc : LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

Manual Integrations APPROVED
mohammad
3/23/2017 3:31:48 PM

Quant Time: Mar 23 13:13:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	118463	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	510944	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	298140	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	712491	20.00	ng		0.00
75) Chrysene-d12	21.63	240	866215	20.00	ng		0.00
86) Perylene-d12	24.81	264	837013	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	892227	133.68	ng		0.00
7) Phenol-d6	7.21	99	1140722	127.31	ng		0.00
23) Nitrobenzene-d5	9.20	82	705139	82.98	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	508973	149.07	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1961515	92.26	ng		0.00
78) Terphenyl-d14	19.98	244	2725245	76.41	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.37	93	11539	0.96	ng	#	89
8) 2-Chlorophenol	7.62	128	8054	1.07	ng	#	80
9) Benzaldehyde	7.19	77	7376	1.22	ng	#	83
10) Phenol	7.23	94	9804	1.03	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	7943	1.01	ng	#	77
12) 1,3-Dichlorobenzene	7.94	146	9697	1.08	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	10634m	1.18	ng		
14) 1,2-Dichlorobenzene	8.40	146	10368	1.20	ng		95
15) Benzyl Alcohol	8.29	79	4587	0.78	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	7931	0.91	ng		81
18) Hexachloroethane	9.13	117	3155	1.07	ng	#	75
24) Nitrobenzene	9.25	77	8718	1.04	ng	#	69
31) Naphthalene	10.90	128	28378	1.10	ng		97
34) Hexachlorobutadiene	11.19	225	5510	1.15	ng		91
37) 2-Methylnaphthalene	12.50	142	20543	1.09	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	9773	1.09	ng	#	96
45) 1,1'-Biphenyl	13.49	154	31102	1.26	ng		95
46) 2-Chloronaphthalene	13.53	162	19082	1.06	ng		93
47) 2-Nitroaniline	13.74	65	3839	0.75	ng	#	71
48) Acenaphthylene	14.37	152	32330	1.03	ng		98
49) Dimethylphthalate	14.10	163	22985	1.02	ng		98
50) 2,6-Dinitrotoluene	14.22	165	4186	0.80	ng	#	63
51) Acenaphthene	14.72	154	20480	1.06	ng		97
54) Dibenzofuran	15.05	168	29540	1.08	ng	#	84
57) Fluorene	15.70	166	26301	1.08	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.28	232	4929	0.87	ng		93
59) Diethylphthalate	15.45	149	22401	0.97	ng		95
62) Azobenzene	15.97	77	16671	0.89	ng		75
65) n-Nitrosodiphenylamine	15.90	169	20827	1.00	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	7959	1.09	ng		94
67) Hexachlorobenzene	16.70	284	9038	1.16	ng		95
68) Atrazine	16.84	200	7386	0.93	ng		96
70) Phenanthrene	17.42	178	44137	1.15	ng	#	91
71) Anthracene	17.52	178	42031m	1.08	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.79	167	39257	0.98	ng		97
73) Di-n-butylphthalate	18.34	149	37538	0.91	ng	#	93
74) Fluoranthene	19.43	202	49613	1.10	ng		90
77) Pyrene	19.79	202	51315	1.02	ng		99
79) Butylbenzylphthalate	20.66	149	17619	0.88	ng	#	81
80) Benzo(a)anthracene	21.61	228	53539	1.10	ng		93
82) Chrysene	21.67	228	52693	1.13	ng		96
83) Bis(2-ethylhexyl)phthalate	21.51	149	28195	0.93	ng		96
84) Di-n-octyl phthalate	22.70	149	44175	0.85	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.42	276	57767	1.00	ng	#	87
87) Benzo(b)fluoranthene	23.80	252	51790	1.05	ng	#	92
88) Benzo(k)fluoranthene	23.87	252	52016	1.09	ng	#	90
89) Benzo(a)pyrene	24.66	252	49961	1.06	ng	#	91
90) Dibenzo(a,h)anthracene	28.49	278	50719	1.06	ng	#	97
91) Benzo(g,h,i)perylene	29.55	276	48951m	1.02	ng		

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

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