Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024095.D
Acq On : 23 Sep 2016 20:03
Operator : UM/SJ
Sample : H4818-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2016-01-QT4

Manual Integrations APPROVED
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Quant Time: Sep 26 14:08:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39984	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	162909	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	144357	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	364675	20.00	ng		0.00
75) Chrysene-d12	21.80	240	416765	20.00	ng		0.00
86) Perylene-d12	25.13	264	397133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	300580	130.24	ng		0.00
7) Phenol-d6	7.21	99	464515	119.62	ng		0.00
23) Nitrobenzene-d5	9.22	82	336393	81.38	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	251848	121.37	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	694985	80.93	ng		0.00
78) Terphenyl-d14	20.09	244	1421542	69.84	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.37	93	3272	0.60	ng	#	87
8) 2-Chlorophenol	7.60	128	2208	0.80	ng		94
9) Benzaldehyde	7.21	77	3857	1.82	ng	#	37
10) Phenol	7.24	94	3636	0.89	ng	#	1
11) bis(2-Chloroethyl)ether	7.46	93	2172	0.67	ng	#	76
12) 1,3-Dichlorobenzene	7.93	146	2133	0.69	ng	#	74
13) 1,4-Dichlorobenzene	8.08	146	2653	0.84	ng	#	67
14) 1,2-Dichlorobenzene	8.39	146	2774	0.91	ng	#	86
15) Benzyl Alcohol	8.35	79	7297	1.94	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	3239	0.73	ng		85
18) Hexachloroethane	9.12	117	1027	0.78	ng	#	61
19) n-Nitroso-di-n-propylamine	8.86	70	1840	0.48	ng	#	93
24) Nitrobenzene	9.27	77	3748	0.85	ng	#	88
25) Isophorone	9.80	82	6489	0.77	ng	#	85
27) 2,4-Dimethylphenol	10.09	122	1281	0.49	ng	#	27
30) 1,2,4-Trichlorobenzene	10.75	180	3019	1.03	ng	#	58
31) Naphthalene	10.92	128	6559	0.79	ng		96
34) Hexachlorobutadiene	11.20	225	1778	0.77	ng	#	83
36) 4-Chloro-3-methylphenol	12.24	107	933	0.24	ng	#	72
37) 2-Methylnaphthalene	12.55	142	5255	0.83	ng	#	80
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	2898	0.69	ng	#	90
45) 1,1'-Biphenyl	13.55	154	7167	0.73	ng		84
46) 2-Chloronaphthalene	13.61	162	5148	0.70	ng	#	86
47) 2-Nitroaniline	13.86	65	1647	0.48	ng	#	73
48) Acenaphthylene	14.45	152	9060	0.72	ng		96
49) Dimethylphthalate	14.18	163	9041	0.82	ng	#	97
50) 2,6-Dinitrotoluene	14.31	165	1181	0.51	ng	#	24
51) Acenaphthene	14.78	154	5853	0.77	ng		96
52) 3-Nitroaniline	14.71	138	879	0.38	ng	#	6
54) Dibenzofuran	15.13	168	10227	0.87	ng	#	84
56) 2,4-Dinitrotoluene	15.14	165	1114	0.31	ng	#	81
57) Fluorene	15.78	166	8975	0.87	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.39	232	1872	0.69	ng	#	85
59) Diethylphthalate	15.53	149	9719	0.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	15.76	204	4117	0.75	ng		95
62) Azobenzene	16.05	77	9408	0.78	ng		85
65) n-Nitrosodiphenylamine	15.99	169	8236	0.83	ng	#	93
66) 4-Bromophenyl-phenylether	16.66	248	3403	0.80	ng	#	88
67) Hexachlorobenzene	16.79	284	4538	0.95	ng		95
68) Atrazine	16.94	200	3188	0.72	ng		94
70) Phenanthrene	17.53	178	16228m	0.87	ng		
71) Anthracene	17.64	178	14919	0.78	ng		94
72) Carbazole	17.92	167	13121	0.74	ng	#	85
73) Di-n-butylphthalate	18.44	149	17327	0.75	ng		96
74) Fluoranthene	19.55	202	19824	0.82	ng		86
76) Benzidine	19.76	184	7881	0.67	ng	#	92
77) Pyrene	19.92	202	21360	0.73	ng	#	86
79) Butylbenzylphthalate	20.78	149	7515	0.70	ng	#	91
80) Benzo(a)anthracene	21.77	228	21003	0.89	ng	#	87
81) 3,3'-Dichlorobenzidine	21.71	252	5156	0.61	ng	#	81
82) Chrysene	21.85	228	19160	0.86	ng	#	85
83) Bis(2-ethylhexyl)phthalate	21.64	149	13004	1.02	ng		97
84) Di-n-octyl phthalate	22.89	149	20447	0.93	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.01	276	21938m	0.88	ng		
87) Benzo(b)fluoranthene	24.07	252	17718	0.77	ng	#	76
88) Benzo(k)fluoranthene	24.15	252	21561	0.94	ng	#	84
89) Benzo(a)pyrene	24.99	252	18018	0.81	ng	#	96
90) Dibenzo(a,h)anthracene	29.04	278	18176m	0.81	ng		
91) Benzo(g,h,i)perylene	30.21	276	18061m	0.80	ng		

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

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