Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020975.D
Acq On : 19 Feb 2016 16:58
Operator : SJ/UM
Sample : H1468-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Manual Integrations APPROVED
UMANGI
2/22/2016 10:55:26 AM

Quant Time: Feb 19 17:43:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	18833	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	96995	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	61663	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	129291	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	122957	20.00	ng		-0.02
86) Perylene-d12	25.25	264	111140	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	130808	116.97	ng		0.00
7) Phenol-d6	7.40	99	181412	110.99	ng		0.00
23) Nitrobenzene-d5	9.43	82	109699	74.36	ng		-0.01
41) 2,4,6-Tribromophenol	16.35	330	81383	134.21	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	317913	72.42	ng		-0.01
78) Terphenyl-d14	20.18	244	430335	81.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	11195	27.53	ng	#	83
3) Pyridine	4.05	79	45208	37.59	ng		99
4) n-Nitrosodimethylamine	3.95	42	10435	33.16	ng		99
6) Aniline	7.58	93	15571	7.64	ng		99
8) 2-Chlorophenol	7.82	128	49611	35.51	ng		98
9) Benzaldehyde	7.39	77	6412m	7.83	ng		
10) Phenol	7.43	94	58270	33.69	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	44770	32.40	ng		97
12) 1,3-Dichlorobenzene	8.15	146	47717	32.31	ng		100
13) 1,4-Dichlorobenzene	8.29	146	48688	32.51	ng		96
14) 1,2-Dichlorobenzene	8.62	146	48305	33.16	ng		96
15) Benzyl Alcohol	8.49	79	33380	32.40	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	43380	30.10	ng		97
17) 2-Methylphenol	8.69	107	45167	36.24	ng		98
18) Hexachloroethane	9.35	117	16403	31.85	ng		97
19) n-Nitroso-di-n-propylamine	9.06	70	34495	32.71	ng		98
20) 3+4-Methylphenols	9.02	107	63705	36.68	ng		97
22) Acetophenone	9.08	105	73196	31.31	ng	#	98
24) Nitrobenzene	9.48	77	51149	33.26	ng		98
25) Isophorone	9.99	82	102627	33.01	ng		99
26) 2-Nitrophenol	10.19	139	28221	34.87	ng		98
27) 2,4-Dimethylphenol	10.23	122	54864	35.38	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	65481	34.17	ng		99
29) 2,4-Dichlorophenol	10.72	162	53552	38.53	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	46885	33.49	ng		100
31) Naphthalene	11.14	128	212555	42.36	ng		98
32) Benzoic acid	10.34	122	34122	27.43	ng		97
33) 4-Chloroaniline	11.24	127	6138	2.84	ng		93
34) Hexachlorobutadiene	11.41	225	22797	31.95	ng		99
35) Caprolactam	12.00	113	19641m	36.88	ng		
36) 4-Chloro-3-methylphenol	12.34	107	64855	40.73	ng		98
37) 2-Methylnaphthalene	12.72	142	139153	39.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	56574	31.28	ng		99
40) Hexachlorocyclopentadiene	13.06	237	48253	60.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	44474	36.60	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	50249	39.33	ng		97
45) 1,1'-Biphenyl	13.71	154	177022	32.54	ng		99
46) 2-Chloronaphthalene	13.76	162	131044	33.65	ng		99
47) 2-Nitroaniline	13.95	65	33747	36.18	ng		98
48) Acenaphthylene	14.60	152	240514	35.52	ng		99
49) Dimethylphthalate	14.32	163	179229	37.17	ng		100
50) 2,6-Dinitrotoluene	14.44	165	40501	39.20	ng		99
51) Acenaphthene	14.94	154	163601	39.84	ng		98
52) 3-Nitroaniline	14.77	138	8060	6.71	ng	#	96
53) 2,4-Dinitrophenol	14.97	184	34805	79.50	ng		90
54) Dibenzofuran	15.27	168	225564	41.53	ng		100
55) 4-Nitrophenol	15.07	139	68023	75.02	ng		96
56) 2,4-Dinitrotoluene	15.22	165	55207	41.33	ng		99
57) Fluorene	15.91	166	194446	38.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.48	232	43072	44.24	ng		99
59) Diethylphthalate	15.67	149	190897	38.51	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	82186	37.00	ng		96
61) 4-Nitroaniline	15.93	138	29032	24.09	ng		96
62) Azobenzene	16.19	77	148173	38.02	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	23874	37.68	ng		98
65) n-Nitrosodiphenylamine	16.11	169	104378	24.99	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	50118	36.70	ng		98
67) Hexachlorobenzene	16.91	284	55111	37.93	ng		98
68) Atrazine	17.04	200	6697	5.28	ng		99
69) Pentachlorophenol	17.25	266	62942	75.56	ng		97
70) Phenanthrene	17.65	178	291815	39.64	ng		99
71) Anthracene	17.74	178	280429	37.54	ng		99
72) Carbazole	18.00	167	171726	25.61	ng		100
73) Di-n-butylphthalate	18.54	149	321764	37.43	ng		100
74) Fluoranthene	19.64	202	300853	37.83	ng		99
77) Pyrene	20.00	202	308275	38.01	ng		99
79) Butylbenzylphthalate	20.87	149	142226	36.63	ng		99
80) Benzo(a)anthracene	21.86	228	278796	37.98	ng		100
82) Chrysene	21.93	228	247844	35.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.74	149	209438	36.38	ng		100
84) Di-n-octyl phthalate	23.00	149	354932	37.56	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	294469	37.09	ng		97
87) Benzo(b)fluoranthene	24.17	252	275702	40.53	ng		99
88) Benzo(k)fluoranthene	24.25	252	253454	38.03	ng		100
89) Benzo(a)pyrene	25.09	252	251928	38.87	ng		100
90) Dibenzo(a,h)anthracene	29.18	278	242131	38.42	ng		99
91) Benzo(g,h,i)perylene	30.32	276	238780	38.17	ng		95

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

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