Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
Data File : BG037224.D
Acq On : 9 Oct 2018 19:28
Operator : JU/SJ
Sample : J5270-08MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Manual Integrations APPROVED
Sohil
10/10/2018 12:41:19 PM

Quant Time: Oct 10 07:24:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 06:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	41958	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	167007	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	106283	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	276525	20.00	ng	0.00
75) Chrysene-d12	21.59	240	291907	20.00	ng	0.00
86) Perylene-d12	24.71	264	300029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	266359	121.75	ng	0.00
7) Phenol-d6	7.12	99	338461	99.99	ng	0.00
23) Nitrobenzene-d5	9.11	82	263773	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	167665	131.85	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	559088	78.35	ng	0.00
78) Terphenyl-d14	19.94	244	1035023	93.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	40430	40.385	ng	# 89
3) Pyridine	3.82	79	100661	34.823	ng	98
4) n-Nitrosodimethylamine	3.73	42	55979	43.571	ng	# 91
6) Aniline	7.28	93	75498	17.189	ng	99
8) 2-Chlorophenol	7.51	128	113445	44.657	ng	98
9) Benzaldehyde	7.09	77	60285	26.952	ng	92
10) Phenol	7.14	94	132855	38.030	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	111292	34.440	ng	99
12) 1,3-Dichlorobenzene	7.84	146	122663	39.385	ng	98
13) 1,4-Dichlorobenzene	7.98	146	122387	38.400	ng	98
14) 1,2-Dichlorobenzene	8.30	146	122962	39.812	ng	99
15) Benzyl Alcohol	8.19	79	103753	37.775	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	231844	37.370	ng	97
17) 2-Methylphenol	8.40	107	99487	40.884	ng	98
18) Hexachloroethane	9.03	117	50139	42.749	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	102251	36.312	ng	95
20) 3+4-Methylphenols	8.73	107	131529	38.853	ng	98
22) Acetophenone	8.77	105	183096	46.653	ng	98
24) Nitrobenzene	9.15	77	147818	44.384	ng	99
25) Isophorone	9.67	82	287734	50.493	ng	100
26) 2-Nitrophenol	9.87	139	62242	46.887	ng	99
27) 2,4-Dimethylphenol	9.92	122	107450	51.962	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	156495	44.506	ng	99
29) 2,4-Dichlorophenol	10.41	162	113365	47.292	ng	93
30) 1,2,4-Trichlorobenzene	10.62	180	126802	42.270	ng	97
31) Naphthalene	10.81	128	382160	48.093	ng	98
33) 4-Chloroaniline	10.93	127	12818	3.548	ng	99
34) Hexachlorobutadiene	11.09	225	85906	41.410	ng	92
35) Caprolactam	11.72	113	37224m	37.729	ng	
36) 4-Chloro-3-methylphenol	12.04	107	135025	47.208	ng	96
37) 2-Methylnaphthalene	12.41	142	279110	46.118	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	157016	42.357	ng	98
40) Hexachlorocyclopentadiene	12.76	237	183121	96.051	ng	95
42) 2,4,6-Trichlorophenol	13.02	196	103799	50.425	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.09	196	102757	46.814 ng	96
45) 1,1'-Biphenyl	13.42	154	362570	44.543 ng	98
46) 2-Chloronaphthalene	13.46	162	279481	43.660 ng	98
47) 2-Nitroaniline	13.67	65	104216	47.070 ng	96
48) Acenaphthylene	14.31	152	476652	47.519 ng	99
49) Dimethylphthalate	14.04	163	386188	45.141 ng	99
50) 2,6-Dinitrotoluene	14.16	165	86366	46.270 ng	97
51) Acenaphthene	14.65	154	269594	44.470 ng	97
52) 3-Nitroaniline	14.50	138	26685	13.567 ng	93
53) 2,4-Dinitrophenol	14.71	184	27567	36.150 ng	89
54) Dibenzofuran	14.98	168	450421	43.925 ng	100
55) 4-Nitrophenol	14.81	139	108803	86.590 ng	95
56) 2,4-Dinitrotoluene	14.95	165	119841	46.012 ng	94
57) Fluorene	15.63	166	365490	47.687 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.21	232	102583	46.070 ng	99
59) Diethylphthalate	15.41	149	394257	45.692 ng	99
60) 4-Chlorophenyl-phenylether	15.63	204	198732	40.943 ng	98
61) 4-Nitroaniline	15.66	138	93904	45.388 ng	99
62) Azobenzene	15.92	77	383949	46.310 ng	98
64) 4,6-Dinitro-2-methylphenol	15.72	198	40938	28.317 ng	100
65) n-Nitrosodiphenylamine	15.84	169	332101	43.502 ng	97
66) 4-Bromophenyl-phenylether	16.52	248	129979	41.325 ng	98
67) Hexachlorobenzene	16.64	284	133562	41.230 ng	97
68) Atrazine	16.79	200	148787	48.134 ng	99
69) Pentachlorophenol	16.99	266	63779	31.271 ng	98
70) Phenanthrene	17.37	178	643721	48.307 ng	98
71) Anthracene	17.47	178	642842	48.787 ng	98
72) Carbazole	17.74	167	598109	46.556 ng	98
73) Di-n-butylphthalate	18.29	149	713874	50.036 ng	100
74) Fluoranthene	19.38	202	807288	50.329 ng	99
76) Benzidine	19.57	184	62248	7.054 ng	98
77) Pyrene	19.74	202	805772	46.000 ng	100
79) Butylbenzylphthalate	20.63	149	343526	49.201 ng	96
80) Benzo(a)anthracene	21.57	228	798969	46.888 ng	99
81) 3,3'-Dichlorobenzidine	21.49	252	102148	15.749 ng	97
82) Chrysene	21.63	228	743151	45.138 ng	99
83) Bis(2-ethylhexyl)phthalate	21.47	149	475922	48.793 ng	98
84) Di-n-octyl phthalate	22.66	149	801243	49.892 ng	98
85) Indeno(1,2,3-cd)pyrene	28.27	276	888028m	50.229 ng	
87) Benzo(b)fluoranthene	23.73	252	763719	47.764 ng	97
88) Benzo(k)fluoranthene	23.79	252	746452	46.533 ng	100
89) Benzo(a)pyrene	24.57	252	752503	48.680 ng	100
90) Dibenzo(a,h)anthracene	28.33	278	716168m	49.434 ng	
91) Benzo(g,h,i)perylene	29.39	276	735079m	50.557 ng	

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

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