Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037298.D
Acq On : 12 Oct 2018 19:38
Operator : JU/SJ
Sample : J5392-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Manual Integrations APPROVED
Sohil
10/15/2018 12:59:10 PM

Quant Time: Oct 13 00:38:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57708	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	255261	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	172446	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	424543	20.00	ng	0.00
76) Chrysene-d12	21.79	240	393775	20.00	ng	0.00
87) Perylene-d12	25.14	264	421956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	412738	125.87	ng	0.00
7) Phenol-d6	7.26	99	553701	111.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	357202	92.00	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	208549	123.31	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	843161	73.43	ng	0.00
79) Terphenyl-d14	20.10	244	1300296	69.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	54788	29.750	ng	# 90
3) Pyridine	3.95	79	128844	29.467	ng	94
4) n-Nitrosodimethylamine	3.86	42	76057	44.792	ng	92
6) Aniline	7.45	93	138775	21.300	ng	96
8) 2-Chlorophenol	7.68	128	172506	44.951	ng	98
9) Benzaldehyde	7.26	77	57188	16.689	ng	93
10) Phenol	7.29	94	211373	40.324	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	169468	39.573	ng	96
12) 1,3-Dichlorobenzene	8.01	146	176755	39.179	ng	97
13) 1,4-Dichlorobenzene	8.16	146	179545	39.308	ng	99
14) 1,2-Dichlorobenzene	8.48	146	172941	39.073	ng	99
15) Benzyl Alcohol	8.36	79	168987	43.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311643	36.812	ng	97
17) 2-Methylphenol	8.55	107	157937	44.988	ng	98
18) Hexachloroethane	9.20	117	62430	40.045	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	142510	37.820	ng	96
20) 3+4-Methylphenols	8.88	107	214926	43.785	ng	98
22) Acetophenone	8.95	105	269966	41.955	ng	# 97
24) Nitrobenzene	9.34	77	196623	47.281	ng	95
25) Isophorone	9.86	82	410544	46.319	ng	96
26) 2-Nitrophenol	10.05	139	75697	48.740	ng	99
27) 2,4-Dimethylphenol	10.09	122	188889	50.986	ng	100
28) bis(2-Chloroethoxy)methane	10.34	93	243207	43.858	ng	98
29) 2,4-Dichlorophenol	10.58	162	182985	48.657	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	180961	39.543	ng	99
31) Naphthalene	11.00	128	564235	45.483	ng	99
32) Benzoic acid	10.20	122	76128	37.214	ng	98
33) 4-Chloroaniline	11.10	127	23127	3.974	ng	96
34) Hexachlorobutadiene	11.26	225	107262	37.744	ng	98
35) Caprolactam	11.88	113	57279m	37.361	ng	
36) 4-Chloro-3-methylphenol	12.20	107	203374	45.790	ng	98
37) 2-Methylnaphthalene	12.59	142	420628	46.461	ng	98
38) 1-Methylnaphthalene	12.81	142	397694	44.977	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	212207	37.999	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	223387	97.031	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	150441	46.437	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	163021	46.769	ng		96
46) 1,1'-Biphenyl	13.59	154	535936	37.780	ng		98
47) 2-Chloronaphthalene	13.63	162	425960	39.753	ng		100
48) 2-Nitroaniline	13.84	65	125733	43.871	ng		97
49) Acenaphthylene	14.48	152	703878	42.942	ng		100
50) Dimethylphthalate	14.20	163	552727	40.785	ng		99
51) 2,6-Dinitrotoluene	14.33	165	114389	43.910	ng		95
52) Acenaphthene	14.81	154	407227	40.221	ng		99
53) 3-Nitroaniline	14.66	138	66725	23.532	ng		99
54) 2,4-Dinitrophenol	14.86	184	53551	78.969	ng		96
55) Dibenzofuran	15.15	168	644675	39.240	ng		98
56) 4-Nitrophenol	14.94	139	180574	81.700	ng		98
57) 2,4-Dinitrotoluene	15.11	165	152781	46.095	ng		96
58) Fluorene	15.80	166	520020	41.852	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	140887	45.653	ng		98
60) Diethylphthalate	15.56	149	563886	40.150	ng		100
61) 4-Chlorophenyl-phenylether	15.79	204	270750	37.279	ng		98
62) 4-Nitroaniline	15.83	138	125828	42.280	ng		96
63) Azobenzene	16.08	77	529340	39.311	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	46603	36.672	ng		99
66) n-Nitrosodiphenylamine	16.00	169	474930	38.093	ng		100
67) 4-Bromophenyl-phenylether	16.68	248	171962	37.531	ng		98
68) Hexachlorobenzene	16.79	284	173571	36.537	ng		98
69) Atrazine	16.95	200	167761	36.204	ng		99
70) Pentachlorophenol	17.14	266	195692	63.848	ng		95
71) Phenanthrene	17.54	178	869048	40.213	ng		99
72) Anthracene	17.64	178	880731	41.637	ng		99
73) Carbazole	17.91	167	816870	37.481	ng		98
74) Di-n-butylphthalate	18.45	149	977390	41.841	ng		100
75) Fluoranthene	19.54	202	1027817	40.692	ng		99
77) Benzidine	19.73	184	71507	4.747	ng		99
78) Pyrene	19.91	202	1037957	40.444	ng		100
80) Butylbenzylphthalate	20.78	149	438728	43.938	ng		97
81) Benzo(a)anthracene	21.77	228	978460	41.489	ng		98
82) 3,3'-Dichlorobenzidine	21.68	252	226993	24.952	ng		100
83) Chrysene	21.84	228	912352	40.555	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	620244	43.258	ng		99
85) Di-n-octyl phthalate	22.91	149	1040741	44.721	ng		98
86) Indeno(1,2,3-cd)pyrene	28.99	276	1096421	43.970	ng	#	97
88) Benzo(b)fluoranthene	24.06	252	1002262	43.689	ng		99
89) Benzo(k)fluoranthene	24.14	252	920111	40.646	ng		99
90) Benzo(a)pyrene	24.98	252	944652	42.943	ng		99
91) Dibenzo(a,h)anthracene	29.06	278	902310	42.869	ng		97
92) Benzo(g,h,i)perylene	30.20	276	910601	43.317	ng		99

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

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