Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036208.D
Acq On : 8 Aug 2018 21:51
Operator : JU/SJ
Sample : J4360-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Manual Integrations APPROVED
Sohil
8/9/2018 3:17:01 PM

Quant Time: Aug 09 02:21:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29112	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	101027	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	73490	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	215034	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	254374	20.00	ng		-0.01
86) Perylene-d12	24.83	264	245143	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	210546	120.07	ng		0.00
7) Phenol-d6	7.19	99	276916	105.85	ng		0.00
23) Nitrobenzene-d5	9.17	82	229715	94.99	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	174690	180.34	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	516553	94.17	ng		-0.02
78) Terphenyl-d14	19.99	244	1112829	96.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	26698	29.915	ng	#	79
3) Pyridine	3.92	79	30358	13.030	ng	#	68
4) n-Nitrosodimethylamine	3.83	42	34382	34.368	ng	#	87
6) Aniline	7.35	93	21242	6.264	ng		94
8) 2-Chlorophenol	7.58	128	74583	41.821	ng		96
9) Benzaldehyde	7.15	77	62643	39.024	ng		99
10) Phenol	7.21	94	96235	36.410	ng		91
11) bis(2-Chloroethyl)ether	7.43	93	81431	39.340	ng		94
12) 1,3-Dichlorobenzene	7.90	146	91693m	42.576	ng		
13) 1,4-Dichlorobenzene	8.05	146	92784	42.403	ng		96
14) 1,2-Dichlorobenzene	8.36	146	89626	42.636	ng		95
15) Benzyl Alcohol	8.26	79	80312	33.805	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88656	51.087	ng		70
17) 2-Methylphenol	8.46	107	72283	40.223	ng	#	86
18) Hexachloroethane	9.09	117	36284	43.368	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	76520	34.734	ng	#	83
20) 3+4-Methylphenols	8.79	107	99326	39.842	ng		92
22) Acetophenone	8.83	105	141870	45.158	ng	#	92
24) Nitrobenzene	9.21	77	121532	49.969	ng		95
25) Isophorone	9.73	82	213603	47.580	ng		98
26) 2-Nitrophenol	9.93	139	46928	54.329	ng	#	88
27) 2,4-Dimethylphenol	9.98	122	79591	54.435	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	109726	44.356	ng		92
29) 2,4-Dichlorophenol	10.47	162	89836	53.825	ng		87
30) 1,2,4-Trichlorobenzene	10.68	180	103970	50.801	ng		97
31) Naphthalene	10.86	128	250508	47.602	ng		98
32) Benzoic acid	10.16	122	20765m	21.096	ng		
33) 4-Chloroaniline	11.00	127	7073	3.084	ng		95
34) Hexachlorobutadiene	11.14	225	81696	51.190	ng		97
35) Caprolactam	11.76	113	22073m	30.817	ng		
36) 4-Chloro-3-methylphenol	12.10	107	114179	51.036	ng		93
37) 2-Methylnaphthalene	12.46	142	194642	49.645	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	140418	50.624	ng		99
40) Hexachlorocyclopentadiene	12.81	237	165390	113.695	ng		90

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Quant Time: Aug 09 02:21:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86761	53.487	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	96466	53.160	ng		96
45) 1,1'-Biphenyl	13.47	154	271644	47.677	ng		97
46) 2-Chloronaphthalene	13.51	162	217599	49.099	ng		99
47) 2-Nitroaniline	13.72	65	74203	47.359	ng		97
48) Acenaphthylene	14.36	152	367996	49.569	ng		98
49) Dimethylphthalate	14.09	163	314374	48.825	ng		99
50) 2,6-Dinitrotoluene	14.21	165	71327	54.399	ng		91
51) Acenaphthene	14.70	154	213757	46.222	ng		98
52) 3-Nitroaniline	14.55	138	20810	15.528	ng	#	87
53) 2,4-Dinitrophenol	14.76	184	65658	95.948	ng	#	65
54) Dibenzofuran	15.04	168	374307	50.892	ng		93
55) 4-Nitrophenol	14.87	139	80979	84.849	ng	#	80
56) 2,4-Dinitrotoluene	15.00	165	110407	58.694	ng		90
57) Fluorene	15.68	166	312127	50.634	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	104405	60.007	ng		92
59) Diethylphthalate	15.45	149	325937	49.230	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	183203	50.565	ng		96
61) 4-Nitroaniline	15.71	138	60087	42.863	ng	#	72
62) Azobenzene	15.96	77	329259	50.418	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	60945	50.914	ng		79
65) n-Nitrosodiphenylamine	15.89	169	289333	47.272	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	128341	51.444	ng		93
67) Hexachlorobenzene	16.69	284	133258	51.869	ng		94
68) Atrazine	16.84	200	138577	54.990	ng		97
69) Pentachlorophenol	17.03	266	120272	76.859	ng		96
70) Phenanthrene	17.42	178	540842	50.406	ng		98
71) Anthracene	17.51	178	545473	51.055	ng		98
72) Carbazole	17.78	167	513731	50.632	ng		98
73) Di-n-butylphthalate	18.33	149	594478	49.580	ng	#	98
74) Fluoranthene	19.43	202	762049	52.726	ng		95
76) Benzidine	19.65	184	13681m	2.046	ng		
77) Pyrene	19.79	202	772050	48.000	ng		98
79) Butylbenzylphthalate	20.67	149	287293	49.948	ng	#	95
80) Benzo(a)anthracene	21.62	228	776590	48.990	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	95666	17.308	ng	#	95
82) Chrysene	21.69	228	725811	49.410	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	389750	49.842	ng	#	98
84) Di-n-octyl phthalate	22.71	149	656694	50.156	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	805868	49.551	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	757665	50.851	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	714465	49.048	ng	#	96
89) Benzo(a)pyrene	24.68	252	722796	52.144	ng	#	97
90) Dibenzo(a,h)anthracene	28.52	278	668048	49.090	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	673180	50.552	ng	#	90

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

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