Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037086.D
Acq On : 1 Oct 2018 21:33
Operator : JU/SJ
Sample : J5170-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HC-SOIL-1MS

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:43 PM

Quant Time: Oct 02 06:42:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45321	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	187404	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	120810	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	297001	20.00	ng		0.00
75) Chrysene-d12	21.68	240	300450	20.00	ng		-0.01
86) Perylene-d12	24.87	264	313055	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	279049	118.08	ng		0.00
7) Phenol-d6	7.20	99	346699	94.82	ng		-0.01
23) Nitrobenzene-d5	9.20	82	295428	84.42	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	171316	118.52	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	613173	75.59	ng		-0.01
78) Terphenyl-d14	20.01	244	1058665	92.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42235	39.057	ng	#	87
3) Pyridine	3.93	79	100934	32.326	ng		94
4) n-Nitrosodimethylamine	3.83	42	65614	47.281	ng	#	94
6) Aniline	7.37	93	91582	19.304	ng		96
8) 2-Chlorophenol	7.61	128	123419	44.978	ng		96
9) Benzaldehyde	7.18	77	60418	25.007	ng		94
10) Phenol	7.23	94	137306	36.387	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	131319	37.622	ng		99
12) 1,3-Dichlorobenzene	7.93	146	128561	38.216	ng		99
13) 1,4-Dichlorobenzene	8.08	146	132851	38.590	ng		99
14) 1,2-Dichlorobenzene	8.39	146	126034	37.778	ng		96
15) Benzyl Alcohol	8.28	79	113784	38.353	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	271750	40.552	ng		97
17) 2-Methylphenol	8.48	107	104270	39.669	ng		95
18) Hexachloroethane	9.12	117	50297	39.701	ng		100
19) n-Nitroso-di-n-propylamine	8.84	70	112991	37.148	ng		98
20) 3+4-Methylphenols	8.80	107	140917	38.537	ng		99
22) Acetophenone	8.86	105	199980	45.409	ng	#	98
24) Nitrobenzene	9.25	77	165083	44.173	ng		98
25) Isophorone	9.76	82	315717	49.374	ng		98
26) 2-Nitrophenol	9.96	139	67631	45.402	ng		98
27) 2,4-Dimethylphenol	10.01	122	118257	50.964	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	181114	45.902	ng		99
29) 2,4-Dichlorophenol	10.49	162	125746	46.748	ng		91
30) 1,2,4-Trichlorobenzene	10.70	180	140100	41.620	ng		98
31) Naphthalene	10.89	128	438094	49.131	ng		99
32) Benzoic acid	10.14	122	17707m	14.571	ng		
33) 4-Chloroaniline	11.01	127	17574	4.335	ng		97
34) Hexachlorobutadiene	11.17	225	92940	39.924	ng		97
35) Caprolactam	11.78	113	33519m	30.276	ng		
36) 4-Chloro-3-methylphenol	12.12	107	148053	46.129	ng		99
37) 2-Methylnaphthalene	12.49	142	314230	46.270	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	173058	41.071	ng		99
40) Hexachlorocyclopentadiene	12.84	237	188780	87.112	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	105227	44.972 ng		98
43) 2,4,5-Trichlorophenol	13.18	196	116375	46.643 ng		95
45) 1,1'-Biphenyl	13.50	154	406098	43.891 ng		98
46) 2-Chloronaphthalene	13.54	162	310087	42.617 ng		98
47) 2-Nitroaniline	13.75	65	116153	46.153 ng		95
48) Acenaphthylene	14.39	152	538294	47.211 ng		99
49) Dimethylphthalate	14.12	163	416592	42.840 ng		100
50) 2,6-Dinitrotoluene	14.24	165	91195	42.982 ng		98
51) Acenaphthene	14.73	154	311297	45.174 ng		99
52) 3-Nitroaniline	14.57	138	38597	17.264 ng		91
53) 2,4-Dinitrophenol	14.78	184	29239	34.244 ng		94
54) Dibenzofuran	15.06	168	510779	43.821 ng		100
55) 4-Nitrophenol	14.89	139	99639	69.762 ng		99
56) 2,4-Dinitrotoluene	15.03	165	131066	44.271 ng		94
57) Fluorene	15.71	166	414186	47.542 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	118952	46.998 ng		97
59) Diethylphthalate	15.48	149	428349	43.673 ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	225974	40.958 ng		99
61) 4-Nitroaniline	15.74	138	98387	41.837 ng		96
62) Azobenzene	16.00	77	444113	47.125 ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	47605	30.658 ng		95
65) n-Nitrosodiphenylamine	15.92	169	369070	45.012 ng		99
66) 4-Bromophenyl-phenylether	16.60	248	144927	42.900 ng		95
67) Hexachlorobenzene	16.72	284	144981	41.669 ng		96
68) Atrazine	16.87	200	152612	45.968 ng		98
69) Pentachlorophenol	17.06	266	127938	58.403 ng		99
70) Phenanthrene	17.45	178	686596	47.972 ng		100
71) Anthracene	17.54	178	703689	49.723 ng		100
72) Carbazole	17.81	167	618744	44.842 ng		98
73) Di-n-butylphthalate	18.36	149	727280	47.461 ng		99
74) Fluoranthene	19.46	202	826887	47.997 ng		98
76) Benzidine	19.64	184	120248	13.240 ng		98
77) Pyrene	19.82	202	823459	45.673 ng		100
79) Butylbenzylphthalate	20.70	149	339291	47.213 ng		95
80) Benzo(a)anthracene	21.66	228	815801	46.514 ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	143489	21.494 ng		97
82) Chrysene	21.72	228	778381	45.933 ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	470863	46.902 ng		99
84) Di-n-octyl phthalate	22.76	149	802914	48.575 ng		99
85) Indeno(1,2,3-cd)pyrene	28.53	276	903761	49.665 ng	#	79
87) Benzo(b)fluoranthene	23.86	252	815542	48.883 ng		98
88) Benzo(k)fluoranthene	23.93	252	783936	46.836 ng		99
89) Benzo(a)pyrene	24.73	252	776033	48.114 ng		99
90) Dibenzo(a,h)anthracene	28.59	278	729404	48.252 ng		98
91) Benzo(g,h,i)perylene	29.66	276	737889	48.638 ng		99

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

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