Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037087.D
Acq On : 1 Oct 2018 22:12
Operator : JU/SJ
Sample : J5170-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HC-SOIL-1MSD

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:46 PM

Quant Time: Oct 02 06:43:34 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	52813	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	217309	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	141673	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	349985	20.00	ng	0.00
75) Chrysene-d12	21.68	240	358129	20.00	ng	0.00
86) Perylene-d12	24.88	264	366125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	312886	113.62	ng	0.00
7) Phenol-d6	7.20	99	401375	94.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	323181	79.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	201493	118.87	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	695263	73.09	ng	0.00
78) Terphenyl-d14	20.02	244	1219714	89.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	43699	34.678	ng	# 78
3) Pyridine	3.93	79	118591	32.593	ng	98
4) n-Nitrosodimethylamine	3.84	42	68867	42.586	ng	# 94
6) Aniline	7.37	93	86464	15.640	ng	99
8) 2-Chlorophenol	7.61	128	134708	42.128	ng	95
9) Benzaldehyde	7.18	77	72969	25.918	ng	97
10) Phenol	7.23	94	150841	34.303	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	146215	35.947	ng	99
12) 1,3-Dichlorobenzene	7.93	146	139135	35.492	ng	99
13) 1,4-Dichlorobenzene	8.07	146	144376	35.988	ng	99
14) 1,2-Dichlorobenzene	8.39	146	135711	34.908	ng	95
15) Benzyl Alcohol	8.28	79	123128	35.615	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	289430	37.064	ng	98
17) 2-Methylphenol	8.48	107	116345	37.984	ng	97
18) Hexachloroethane	9.12	117	54649	37.017	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	124478	35.119	ng	95
20) 3+4-Methylphenols	8.81	107	158354	37.162	ng	98
22) Acetophenone	8.86	105	220302	43.140	ng	96
24) Nitrobenzene	9.25	77	181423	41.865	ng	98
25) Isophorone	9.76	82	350682	47.295	ng	99
26) 2-Nitrophenol	9.96	139	76728	44.420	ng	99
27) 2,4-Dimethylphenol	10.01	122	132307	49.173	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	200039	43.721	ng	99
29) 2,4-Dichlorophenol	10.49	162	139619	44.763	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	152341	39.028	ng	99
31) Naphthalene	10.89	128	492521	47.634	ng	99
32) Benzoic acid	10.14	122	24339m	16.194	ng	
33) 4-Chloroaniline	11.02	127	13384	2.847	ng	95
34) Hexachlorobutadiene	11.17	225	100951	37.398	ng	96
35) Caprolactam	11.78	113	37368m	29.108	ng	
36) 4-Chloro-3-methylphenol	12.12	107	167635	45.043	ng	97
37) 2-Methylnaphthalene	12.50	142	350708	44.535	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	191315	38.718	ng	99
40) Hexachlorocyclopentadiene	12.84	237	209016	82.247	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	118667	43.247 ng	97
43) 2,4,5-Trichlorophenol	13.17	196	130987	44.769 ng	98
45) 1,1'-Biphenyl	13.50	154	449139	41.395 ng	97
46) 2-Chloronaphthalene	13.54	162	340358	39.889 ng	98
47) 2-Nitroaniline	13.75	65	130125	44.090 ng	95
48) Acenaphthylene	14.39	152	592571	44.318 ng	99
49) Dimethylphthalate	14.12	163	477381	41.862 ng	99
50) 2,6-Dinitrotoluene	14.24	165	105602	42.443 ng	96
51) Acenaphthene	14.73	154	339860	42.057 ng	99
52) 3-Nitroaniline	14.58	138	29925	11.414 ng	95
53) 2,4-Dinitrophenol	14.78	184	36569	36.013 ng	90
54) Dibenzofuran	15.06	168	562058	41.120 ng	99
55) 4-Nitrophenol	14.89	139	123698	73.853 ng	93
56) 2,4-Dinitrotoluene	15.03	165	150847	43.449 ng	95
57) Fluorene	15.71	166	460206	45.045 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	133631	45.022 ng	99
59) Diethylphthalate	15.48	149	483676	42.052 ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	251630	38.891 ng	99
61) 4-Nitroaniline	15.74	138	113270	41.072 ng	93
62) Azobenzene	16.00	77	486471	44.018 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	54603	29.841 ng	99
65) n-Nitrosodiphenylamine	15.92	169	418300	43.293 ng	96
66) 4-Bromophenyl-phenylether	16.60	248	163481	41.066 ng	98
67) Hexachlorobenzene	16.72	284	165882	40.459 ng	99
68) Atrazine	16.87	200	175950	44.974 ng	100
69) Pentachlorophenol	17.06	266	155701	60.317 ng	97
70) Phenanthrene	17.46	178	778947	46.186 ng	98
71) Anthracene	17.54	178	796214	47.744 ng	100
72) Carbazole	17.81	167	711242	43.742 ng	98
73) Di-n-butylphthalate	18.37	149	829517	45.938 ng	100
74) Fluoranthene	19.46	202	950918	46.840 ng	99
76) Benzidine	19.64	184	167842	15.503 ng	98
77) Pyrene	19.82	202	943575	43.906 ng	99
79) Butylbenzylphthalate	20.70	149	386375	45.105 ng	95
80) Benzo(a)anthracene	21.66	228	927372	44.360 ng	100
81) 3,3'-Dichlorobenzidine	21.57	252	146185	18.371 ng	98
82) Chrysene	21.73	228	887011	43.913 ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	539363	45.072 ng	99
84) Di-n-octyl phthalate	22.76	149	907424	46.056 ng	99
85) Indeno(1,2,3-cd)pyrene	28.53	276	1016165	46.848 ng	97
87) Benzo(b)fluoranthene	23.87	252	888297	45.526 ng	97
88) Benzo(k)fluoranthene	23.93	252	917180	46.854 ng	100
89) Benzo(a)pyrene	24.73	252	890033	47.183 ng	99
90) Dibenzo(a,h)anthracene	28.58	278	826914	46.774 ng	98
91) Benzo(g,h,i)perylene	29.66	276	823522	46.414 ng	99

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

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