Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037138.D
Acq On : 3 Oct 2018 18:02
Operator : JU/SJ
Sample : J5212-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2MSD

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:20 PM

Quant Time: Oct 04 04:24:14 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	53140	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	222369	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	132022	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	315359	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	301867	20.00	ng		-0.01
86) Perylene-d12	24.87	264	308666	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	407617	147.11	ng		0.00
7) Phenol-d6	7.21	99	555591	129.60	ng		0.00
23) Nitrobenzene-d5	9.20	82	363495	87.54	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	195859	124.00	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	718749	81.08	ng		-0.01
78) Terphenyl-d14	20.02	244	1055153	91.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58313	45.991	ng		97
3) Pyridine	3.92	79	157094	42.910	ng		100
4) n-Nitrosodimethylamine	3.85	42	85284	52.413	ng	#	98
6) Aniline	7.37	93	163122	29.324	ng		99
8) 2-Chlorophenol	7.61	128	162807	50.603	ng		92
9) Benzaldehyde	7.18	77	83695	29.545	ng		98
10) Phenol	7.23	94	229407	51.849	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	163818	40.027	ng		99
12) 1,3-Dichlorobenzene	7.93	146	164807	41.782	ng		99
13) 1,4-Dichlorobenzene	8.08	146	168206	41.670	ng		99
14) 1,2-Dichlorobenzene	8.39	146	163204	41.722	ng		98
15) Benzyl Alcohol	8.28	79	147241	42.328	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	336352	42.807	ng		97
17) 2-Methylphenol	8.48	107	141723	45.985	ng		98
18) Hexachloroethane	9.12	117	64346	43.317	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	141834	39.770	ng		95
20) 3+4-Methylphenols	8.81	107	197109	45.973	ng		98
22) Acetophenone	8.86	105	250998	48.032	ng		98
24) Nitrobenzene	9.25	77	205290	46.294	ng		98
25) Isophorone	9.76	82	389955	51.395	ng		98
26) 2-Nitrophenol	9.95	139	91163	51.576	ng		97
27) 2,4-Dimethylphenol	10.01	122	149403	54.263	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	224999	48.058	ng		98
29) 2,4-Dichlorophenol	10.49	162	157636	49.389	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	171975	43.056	ng		97
31) Naphthalene	10.89	128	499065	47.168	ng		99
32) Benzoic acid	10.01	122	149403	68.057	ng	#	14
33) 4-Chloroaniline	11.01	127	98064	20.385	ng		98
34) Hexachlorobutadiene	11.17	225	114456	41.436	ng		97
35) Caprolactam	11.78	113	56038m	42.658	ng		
36) 4-Chloro-3-methylphenol	12.12	107	179283	47.076	ng		100
37) 2-Methylnaphthalene	12.49	142	370121	45.931	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	202468	43.970	ng		97
40) Hexachlorocyclopentadiene	12.84	237	231288	97.664	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128326	50.186 ng	95
43) 2,4,5-Trichlorophenol	13.18	196	141351	51.842 ng	97
45) 1,1'-Biphenyl	13.50	154	467867	46.273 ng	98
46) 2-Chloronaphthalene	13.54	162	357293	44.934 ng	99
47) 2-Nitroaniline	13.75	65	132922	48.330 ng	99
48) Acenaphthylene	14.39	152	602081	48.321 ng	99
49) Dimethylphthalate	14.12	163	776725	73.091 ng	99
50) 2,6-Dinitrotoluene	14.24	165	107018	46.156 ng	95
51) Acenaphthene	14.73	154	342589	45.493 ng	100
52) 3-Nitroaniline	14.57	138	74137	30.344 ng	91
53) 2,4-Dinitrophenol	14.78	184	49489	48.839 ng	98
54) Dibenzofuran	15.06	168	559128	43.896 ng	100
55) 4-Nitrophenol	14.88	139	151660	97.166 ng	99
56) 2,4-Dinitrotoluene	15.03	165	150496	46.516 ng	93
57) Fluorene	15.71	166	447639	47.018 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	139485	50.430 ng	96
59) Diethylphthalate	15.48	149	465940	43.471 ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	244726	40.589 ng	99
61) 4-Nitroaniline	15.74	138	113507	44.167 ng	93
62) Azobenzene	16.00	77	471433	45.776 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	76894	46.638 ng	97
65) n-Nitrosodiphenylamine	15.92	169	403906	46.393 ng	98
66) 4-Bromophenyl-phenylether	16.60	248	154668	43.119 ng	98
67) Hexachlorobenzene	16.71	284	158298	42.848 ng	99
68) Atrazine	16.86	200	167535	47.525 ng	99
69) Pentachlorophenol	17.06	266	175195	75.320 ng	97
70) Phenanthrene	17.45	178	722251	47.526 ng	98
71) Anthracene	17.54	178	742317	49.399 ng	100
72) Carbazole	17.81	167	666557	45.495 ng	99
73) Di-n-butylphthalate	18.36	149	755528	46.435 ng	100
74) Fluoranthene	19.46	202	857113	46.855 ng	99
76) Benzidine	19.64	184	270948	29.692 ng	100
77) Pyrene	19.82	202	841932	46.478 ng	98
79) Butylbenzylphthalate	20.70	149	353723	48.990 ng	95
80) Benzo(a)anthracene	21.65	228	821628	46.627 ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	183896	27.417 ng	98
82) Chrysene	21.73	228	793553	46.609 ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	490848	48.663 ng	100
84) Di-n-octyl phthalate	22.76	149	825170	49.687 ng	99
85) Indeno(1,2,3-cd)pyrene	28.52	276	908265	49.678 ng	99
87) Benzo(b)fluoranthene	23.86	252	793434	48.234 ng	97
88) Benzo(k)fluoranthene	23.93	252	798025	48.356 ng	99
89) Benzo(a)pyrene	24.73	252	783724	49.281 ng	99
90) Dibenzo(a,h)anthracene	28.58	278	731987	49.112 ng	99
91) Benzo(g,h,i)perylene	29.66	276	749124	50.081 ng	99

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

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