Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036209.D
Acq On : 8 Aug 2018 22:30
Operator : JU/SJ
Sample : J4360-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 155-SOILMSD

Manual Integrations APPROVED
Sohil
8/9/2018 3:17:03 PM

Quant Time: Aug 09 02:22:55 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	29511	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	100066	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	71143	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	205903	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	228530	20.00	ng		-0.02
86) Perylene-d12	24.82	264	223897	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	228667	128.64	ng		0.00
7) Phenol-d6	7.18	99	302122	113.92	ng		-0.01
23) Nitrobenzene-d5	9.17	82	245509	102.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	175798	187.48	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	544216	102.48	ng		-0.02
78) Terphenyl-d14	19.98	244	1119863	108.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	28511	31.514	ng	#	73
3) Pyridine	3.93	79	30262	12.813	ng	#	66
4) n-Nitrosodimethylamine	3.82	42	37673	37.149	ng	#	82
6) Aniline	7.34	93	24599	7.156	ng		96
8) 2-Chlorophenol	7.58	128	81860	45.281	ng		93
9) Benzaldehyde	7.15	77	75274	46.259	ng		99
10) Phenol	7.21	94	103490	38.625	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	83012	39.561	ng		89
12) 1,3-Dichlorobenzene	7.90	146	96733	44.309	ng		97
13) 1,4-Dichlorobenzene	8.05	146	97734	44.061	ng		97
14) 1,2-Dichlorobenzene	8.36	146	94940	44.554	ng		98
15) Benzyl Alcohol	8.25	79	86188	35.788	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91236	51.863	ng		74
17) 2-Methylphenol	8.46	107	77099	42.323	ng	#	91
18) Hexachloroethane	9.09	117	37479	44.191	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	77586	34.741	ng		90
20) 3+4-Methylphenols	8.79	107	103242	40.853	ng		92
22) Acetophenone	8.83	105	147214	47.309	ng	#	93
24) Nitrobenzene	9.22	77	126797	52.635	ng		93
25) Isophorone	9.73	82	220103	49.499	ng		97
26) 2-Nitrophenol	9.93	139	50455	58.973	ng	#	91
27) 2,4-Dimethylphenol	9.99	122	78317	54.078	ng		84
28) bis(2-Chloroethoxy)methane	10.21	93	117265	47.859	ng		98
29) 2,4-Dichlorophenol	10.47	162	93385	56.488	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	109317	53.926	ng		99
31) Naphthalene	10.86	128	265689	50.971	ng		97
32) Benzoic acid	10.16	122	23180m	23.776	ng		
33) 4-Chloroaniline	11.00	127	5456	2.402	ng	#	86
34) Hexachlorobutadiene	11.14	225	87789	55.536	ng		96
35) Caprolactam	11.76	113	23908m	33.700	ng		
36) 4-Chloro-3-methylphenol	12.10	107	113650	51.288	ng		95
37) 2-Methylnaphthalene	12.46	142	204682	52.707	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	145474	54.177	ng		98
40) Hexachlorocyclopentadiene	12.80	237	172292	122.347	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	91363	58.182	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	96436	54.896	ng		95
45) 1,1'-Biphenyl	13.47	154	279863	50.740	ng		98
46) 2-Chloronaphthalene	13.51	162	224036	52.219	ng		98
47) 2-Nitroaniline	13.72	65	75121	49.527	ng		96
48) Acenaphthylene	14.36	152	372312	51.805	ng		95
49) Dimethylphthalate	14.09	163	310646	49.838	ng		98
50) 2,6-Dinitrotoluene	14.21	165	74800	58.930	ng	#	85
51) Acenaphthene	14.70	154	216236	48.300	ng		99
52) 3-Nitroaniline	14.54	138	19271	14.854	ng	#	93
53) 2,4-Dinitrophenol	14.76	184	61432	92.954	ng	#	69
54) Dibenzofuran	15.03	168	372124	52.265	ng		92
55) 4-Nitrophenol	14.87	139	75777	82.018	ng	#	85
56) 2,4-Dinitrotoluene	15.00	165	110762	60.825	ng	#	85
57) Fluorene	15.68	166	308234	51.652	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	103587	61.501	ng		94
59) Diethylphthalate	15.45	149	319621	49.868	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	183055	52.191	ng		97
61) 4-Nitroaniline	15.71	138	59494	43.841	ng	#	76
62) Azobenzene	15.97	77	313370	49.568	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	59555	51.959	ng		84
65) n-Nitrosodiphenylamine	15.89	169	280824	47.916	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	129271	54.115	ng		99
67) Hexachlorobenzene	16.69	284	130638	53.104	ng		94
68) Atrazine	16.83	200	137798	57.105	ng		97
69) Pentachlorophenol	17.03	266	124685	83.212	ng		97
70) Phenanthrene	17.42	178	534333	52.007	ng		99
71) Anthracene	17.51	178	539853	52.770	ng		98
72) Carbazole	17.79	167	494112	50.858	ng		98
73) Di-n-butylphthalate	18.33	149	564800	49.194	ng	#	97
74) Fluoranthene	19.43	202	729890	52.741	ng		97
76) Benzidine	19.64	184	12492	2.079	ng	#	95
77) Pyrene	19.79	202	741342	51.303	ng		99
79) Butylbenzylphthalate	20.67	149	271085	52.460	ng	#	94
80) Benzo(a)anthracene	21.62	228	742729	52.153	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	80232	16.157	ng	#	95
82) Chrysene	21.69	228	694414	52.619	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	375210	53.409	ng	#	99
84) Di-n-octyl phthalate	22.71	149	626665	53.276	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	757321	51.832	ng	#	93
87) Benzo(b)fluoranthene	23.82	252	702041	51.589	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	697513	52.428	ng	#	97
89) Benzo(a)pyrene	24.68	252	676135	53.406	ng	#	93
90) Dibenzo(a,h)anthracene	28.52	278	633385	50.960	ng	#	95
91) Benzo(g,h,i)perylene	29.60	276	627329	51.579	ng	#	92

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

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