Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035664.D
Acq On : 16 Jul 2018 11:25
Operator : JU/SJ
Sample : J3542-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-1MS

Manual Integrations APPROVED
Sohil
7/17/2018 4:57:14 PM

Quant Time: Jul 16 13:07:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54066	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	210541	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	148938	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	398694	20.00	ng		0.00
75) Chrysene-d12	21.69	240	415664	20.00	ng		0.00
86) Perylene-d12	24.91	264	408938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	476422	146.30	ng		0.00
7) Phenol-d6	7.22	99	652519	134.30	ng		0.00
23) Nitrobenzene-d5	9.22	82	494822	98.18	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	328875	167.53	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1067332	96.01	ng		0.00
78) Terphenyl-d14	20.02	244	1808918	95.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	48579	29.309	ng	#	73
3) Pyridine	3.96	79	133448	30.841	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	66233	35.649	ng	#	85
6) Aniline	7.39	93	95263	15.127	ng		98
8) 2-Chlorophenol	7.63	128	150225	45.357	ng		95
9) Benzaldehyde	7.20	77	28446	9.542	ng		93
10) Phenol	7.25	94	204788	41.719	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	161040	41.891	ng		90
12) 1,3-Dichlorobenzene	7.95	146	160415m	40.107	ng		
13) 1,4-Dichlorobenzene	8.09	146	168342	41.425	ng		91
14) 1,2-Dichlorobenzene	8.42	146	161725	41.426	ng		97
15) Benzyl Alcohol	8.30	79	190207	43.110	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	188436	58.467	ng		78
17) 2-Methylphenol	8.50	107	147683	44.250	ng	#	90
18) Hexachloroethane	9.14	117	61726	39.726	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	157778	38.563	ng	#	84
20) 3+4-Methylphenols	8.83	107	210514	45.468	ng		90
22) Acetophenone	8.88	105	270973	41.387	ng	#	92
24) Nitrobenzene	9.26	77	228024	44.988	ng		93
25) Isophorone	9.78	82	441455	47.185	ng		99
26) 2-Nitrophenol	9.97	139	89414	49.671	ng	#	87
27) 2,4-Dimethylphenol	10.03	122	162513	53.333	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	229678	44.552	ng		97
29) 2,4-Dichlorophenol	10.51	162	177368	50.993	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	188384	44.168	ng		95
31) Naphthalene	10.91	128	496057	45.231	ng		98
32) Benzoic acid	10.18	122	82321	40.131	ng		94
34) Hexachlorobutadiene	11.19	225	144351	43.402	ng		96
35) Caprolactam	11.80	113	48779m	32.679	ng		
36) 4-Chloro-3-methylphenol	12.14	107	221876	47.589	ng		93
37) 2-Methylnaphthalene	12.51	142	375153	45.914	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	256019	45.543	ng		99
40) Hexachlorocyclopentadiene	12.86	237	326754	110.835	ng		92
42) 2,4,6-Trichlorophenol	13.12	196	169318	51.505	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	183817	49.982 ng		97
45) 1,1'-Biphenyl	13.51	154	525280	45.490 ng		96
46) 2-Chloronaphthalene	13.56	162	411362	45.800 ng		99
47) 2-Nitroaniline	13.76	65	147474	46.443 ng		96
48) Acenaphthylene	14.40	152	696520	46.294 ng		97
49) Dimethylphthalate	14.13	163	573671	43.962 ng		100
50) 2,6-Dinitrotoluene	14.26	165	134353	50.560 ng		94
51) Acenaphthene	14.74	154	411590	43.915 ng		99
52) 3-Nitroaniline	14.58	138	26271	9.673 ng	#	88
53) 2,4-Dinitrophenol	14.79	184	149734	107.143 ng	#	69
54) Dibenzofuran	15.08	168	670494	44.982 ng		92
55) 4-Nitrophenol	14.90	139	172509	89.189 ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	191972	50.357 ng		87
57) Fluorene	15.72	166	560479	44.863 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	183923	52.160 ng		95
59) Diethylphthalate	15.49	149	584115	43.532 ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	324352	44.173 ng		97
61) 4-Nitroaniline	15.75	138	117772	41.455 ng	#	81
62) Azobenzene	16.01	77	606217	45.803 ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	110750	49.901 ng		91
65) n-Nitrosodiphenylamine	15.93	169	503822	44.396 ng		97
66) 4-Bromophenyl-phenylether	16.61	248	216505	46.807 ng		91
67) Hexachlorobenzene	16.73	284	219310	46.040 ng		96
68) Atrazine	16.88	200	188141	40.266 ng		97
69) Pentachlorophenol	17.08	266	254435	87.695 ng		96
70) Phenanthrene	17.46	178	895670	45.022 ng		98
71) Anthracene	17.56	178	922032	46.546 ng		98
72) Carbazole	17.82	167	828796	44.056 ng		98
73) Di-n-butylphthalate	18.37	149	960448	43.203 ng	#	98
74) Fluoranthene	19.47	202	1150818	42.946 ng		96
76) Benzidine	19.68	184	91343m	8.359 ng		
77) Pyrene	19.83	202	1159243	44.106 ng		98
79) Butylbenzylphthalate	20.71	149	432676	46.035 ng	#	98
80) Benzo(a)anthracene	21.67	228	1168382	45.106 ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	133288	14.758 ng		98
82) Chrysene	21.73	228	1075156	44.791 ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	591222	46.269 ng	#	99
84) Di-n-octyl phthalate	22.78	149	1004432	46.948 ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.59	276	1263206	47.533 ng	#	93
87) Benzo(b)fluoranthene	23.89	252	1111812	44.732 ng	#	97
88) Benzo(k)fluoranthene	23.95	252	1069850	44.028 ng	#	96
89) Benzo(a)pyrene	24.76	252	1073872	46.441 ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	1046691	46.107 ng	#	94
91) Benzo(g,h,i)perylene	29.73	276	1035193	46.601 ng	#	92

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

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