Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033025.D
Acq On : 6 Mar 2018 17:23
Operator : SJ/JU
Sample : J1731-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BALER-SOILMS

Manual Integrations APPROVED
Sohil
3/7/2018 12:11:00 PM

Quant Time: Mar 07 02:42:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47707	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	213783	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	127553	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	305280	20.00	ng		0.00
75) Chrysene-d12	22.61	240	282850	20.00	ng		0.00
86) Perylene-d12	26.41	264	305375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	418480	140.34	ng		0.00
7) Phenol-d6	8.01	99	532383	128.09	ng		0.00
23) Nitrobenzene-d5	10.11	82	369088	115.75	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	231997	172.98	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	808345	91.40	ng		0.00
78) Terphenyl-d14	20.77	244	1253548	99.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	50232	38.814	ng		94
3) Pyridine	4.43	79	113013	31.683	ng		95
4) n-Nitrosodimethylamine	4.33	42	79787	55.792	ng	#	84
6) Aniline	8.20	93	41290	7.339	ng		97
8) 2-Chlorophenol	8.46	128	158960	48.702	ng		95
9) Benzaldehyde	8.01	77	49007	20.458	ng		96
10) Phenol	8.03	94	185922	44.374	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	146830	42.856	ng		98
12) 1,3-Dichlorobenzene	8.80	146	158579	41.481	ng		98
13) 1,4-Dichlorobenzene	8.95	146	159496	41.448	ng		95
14) 1,2-Dichlorobenzene	9.28	146	153542	41.638	ng		98
15) Benzyl Alcohol	9.14	79	146187	47.842	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	284646	48.329	ng		99
17) 2-Methylphenol	9.34	107	141227	45.710	ng		99
18) Hexachloroethane	10.04	117	58182	44.407	ng	#	85
19) n-Nitroso-di-n-propylamine	9.72	70	126108	42.977	ng	#	90
20) 3+4-Methylphenols	9.67	107	190756	44.404	ng		95
22) Acetophenone	9.75	105	236920	43.882	ng	#	98
24) Nitrobenzene	10.15	77	180701	52.337	ng		93
25) Isophorone	10.68	82	352895	47.030	ng		96
26) 2-Nitrophenol	10.88	139	85622	63.670	ng		96
27) 2,4-Dimethylphenol	10.91	122	176612	54.181	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	208165	47.621	ng		95
29) 2,4-Dichlorophenol	11.42	162	154484	52.218	ng		97
30) 1,2,4-Trichlorobenzene	11.65	180	145717	42.018	ng		97
31) Naphthalene	11.85	128	496298	44.428	ng		100
32) Benzoic acid	11.02	122	107176	51.214	ng	#	81
33) 4-Chloroaniline	11.93	127	33763	6.760	ng		97
34) Hexachlorobutadiene	12.11	225	80446	41.356	ng		97
35) Caprolactam	12.68	113	52337	44.181	ng		99
36) 4-Chloro-3-methylphenol	13.00	107	194937	56.622	ng		95
37) 2-Methylnaphthalene	13.40	142	369037	45.662	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	155142	40.973	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	187323	97.073	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	125160	52.415 ng		97
43) 2,4,5-Trichlorophenol	14.04	196	138307	50.044 ng	#	97
45) 1,1'-Biphenyl	14.37	154	474118	42.536 ng		96
46) 2-Chloronaphthalene	14.43	162	360048	43.243 ng		96
47) 2-Nitroaniline	14.61	65	137731	61.988 ng		97
48) Acenaphthylene	15.26	152	608303	44.624 ng		99
49) Dimethylphthalate	14.95	163	496910	45.881 ng		99
50) 2,6-Dinitrotoluene	15.08	165	112481	60.013 ng		91
51) Acenaphthene	15.59	154	429714	50.617 ng		98
52) 3-Nitroaniline	15.41	138	27033	17.817 ng	#	83
53) 2,4-Dinitrophenol	15.61	184	103948	142.025 ng		98
54) Dibenzofuran	15.92	168	569135	47.082 ng		93
55) 4-Nitrophenol	15.68	139	176944	98.018 ng		90
56) 2,4-Dinitrotoluene	15.86	165	157824	67.544 ng		89
57) Fluorene	16.56	166	469392	47.047 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	122107m	56.907 ng		
59) Diethylphthalate	16.29	149	543436	47.573 ng		97
60) 4-Chlorophenyl-phenylether	16.53	204	230918	47.312 ng	#	87
61) 4-Nitroaniline	16.56	138	89252	39.163 ng		83
62) Azobenzene	16.83	77	498286	48.759 ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	71431	68.576 ng		91
65) n-Nitrosodiphenylamine	16.75	169	437387	44.042 ng		97
66) 4-Bromophenyl-phenylether	17.43	248	141672	43.888 ng	#	87
67) Hexachlorobenzene	17.56	284	148278	42.506 ng	#	93
68) Atrazine	17.67	200	148882	45.544 ng		96
69) Pentachlorophenol	17.89	266	199029	90.580 ng		98
70) Phenanthrene	18.30	178	771003	45.269 ng		98
71) Anthracene	18.39	178	792355	46.340 ng		99
72) Carbazole	18.64	167	732229	43.446 ng		97
73) Di-n-butylphthalate	19.14	149	937173	45.326 ng		99
74) Fluoranthene	20.25	202	858008	45.606 ng		95
76) Benzidine	20.41	184	53373	5.536 ng		95
77) Pyrene	20.60	202	862972	43.264 ng		97
79) Butylbenzylphthalate	21.47	149	444060	50.212 ng		91
80) Benzo(a)anthracene	22.59	228	834048	45.984 ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	97324	14.488 ng		98
82) Chrysene	22.67	228	787980	45.479 ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	628660	48.023 ng	#	96
84) Di-n-octyl phthalate	23.83	149	1075973	53.924 ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	863830	42.751 ng	#	88
87) Benzo(b)fluoranthene	25.19	252	839997	46.522 ng	#	97
88) Benzo(k)fluoranthene	25.27	252	828027	46.144 ng	#	98
89) Benzo(a)pyrene	26.23	252	812753	47.326 ng	#	96
90) Dibenzo(a,h)anthracene	30.90	278	739077	42.755 ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	737009	43.251 ng	#	94

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

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