Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033026.D
Acq On : 6 Mar 2018 18:00
Operator : SJ/JU
Sample : J1731-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Manual Integrations APPROVED
Sohil
3/7/2018 12:11:02 PM

Quant Time: Mar 07 02:44:28 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	48765	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	218024	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	128682	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	296568	20.00	ng		0.00
75) Chrysene-d12	22.61	240	272117	20.00	ng		0.00
86) Perylene-d12	26.41	264	292150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	457198	149.99	ng		0.00
7) Phenol-d6	8.01	99	582218	137.04	ng		0.00
23) Nitrobenzene-d5	10.11	82	408046	124.64	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	242676	179.36	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	863093	96.73	ng		0.00
78) Terphenyl-d14	20.77	244	1293308	106.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	57787	43.683	ng	#	90
3) Pyridine	4.44	79	160426	43.999	ng		94
4) n-Nitrosodimethylamine	4.33	42	90716	62.058	ng	#	82
6) Aniline	8.21	93	59768	10.393	ng		97
8) 2-Chlorophenol	8.45	128	183489	54.998	ng		98
9) Benzaldehyde	8.01	77	44218	18.058	ng		95
10) Phenol	8.04	94	212677	49.658	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	169543	48.412	ng		98
12) 1,3-Dichlorobenzene	8.79	146	178440	45.664	ng		98
13) 1,4-Dichlorobenzene	8.95	146	182045	46.282	ng		97
14) 1,2-Dichlorobenzene	9.28	146	176724	46.885	ng		97
15) Benzyl Alcohol	9.14	79	161331	51.652	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	330352	54.872	ng		100
17) 2-Methylphenol	9.34	107	159529	50.513	ng		98
18) Hexachloroethane	10.04	117	67296	50.249	ng	#	82
19) n-Nitroso-di-n-propylamine	9.72	70	146293	48.774	ng	#	90
20) 3+4-Methylphenols	9.68	107	222064	50.570	ng		96
22) Acetophenone	9.75	105	271059	49.228	ng	#	97
24) Nitrobenzene	10.16	77	207704	58.177	ng		93
25) Isophorone	10.67	82	407626	53.267	ng		96
26) 2-Nitrophenol	10.88	139	100419	70.257	ng		96
27) 2,4-Dimethylphenol	10.91	122	201487	60.610	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	236348	53.016	ng	#	94
29) 2,4-Dichlorophenol	11.42	162	179606	59.528	ng		97
30) 1,2,4-Trichlorobenzene	11.65	180	165840	46.891	ng		98
31) Naphthalene	11.85	128	567772	49.837	ng		98
32) Benzoic acid	11.03	122	134902	59.088	ng		87
33) 4-Chloroaniline	11.94	127	22830	4.482	ng		97
34) Hexachlorobutadiene	12.11	225	91558	46.152	ng		97
35) Caprolactam	12.68	113	58987	48.826	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	222786	63.452	ng		95
37) 2-Methylnaphthalene	13.39	142	421299	51.114	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	176927	46.316	ng	#	96
40) Hexachlorocyclopentadiene	13.72	237	217867	111.911	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	140359	58.264 ng		97
43) 2,4,5-Trichlorophenol	14.05	196	157857	56.617 ng	#	94
45) 1,1'-Biphenyl	14.37	154	534994	47.577 ng		95
46) 2-Chloronaphthalene	14.42	162	408617	48.646 ng		95
47) 2-Nitroaniline	14.60	65	151203	66.587 ng		92
48) Acenaphthylene	15.26	152	678775	49.357 ng		98
49) Dimethylphthalate	14.95	163	553017	50.613 ng		99
50) 2,6-Dinitrotoluene	15.08	165	126227	65.757 ng		92
51) Acenaphthene	15.59	154	489997	57.211 ng		98
52) 3-Nitroaniline	15.41	138	19863	15.026 ng	#	93
53) 2,4-Dinitrophenol	15.61	184	132537	165.571 ng		96
54) Dibenzofuran	15.92	168	639566	52.444 ng		92
55) 4-Nitrophenol	15.69	139	197501	107.693 ng		88
56) 2,4-Dinitrotoluene	15.86	165	179689	73.868 ng		89
57) Fluorene	16.56	166	521174	51.778 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	135438m	62.566 ng		
59) Diethylphthalate	16.29	149	600837	52.136 ng		99
60) 4-Chlorophenyl-phenylether	16.54	204	258558	52.510 ng		93
61) 4-Nitroaniline	16.56	138	86248	37.736 ng		88
62) Azobenzene	16.82	77	549834	53.331 ng		95
64) 4,6-Dinitro-2-methylphenol	16.61	198	87446	80.131 ng		99
65) n-Nitrosodiphenylamine	16.74	169	475601	49.296 ng		99
66) 4-Bromophenyl-phenylether	17.42	248	156825	50.010 ng	#	85
67) Hexachlorobenzene	17.56	284	163009	48.102 ng	#	93
68) Atrazine	17.67	200	144647	45.548 ng		98
69) Pentachlorophenol	17.89	266	225530	105.657 ng		98
70) Phenanthrene	18.30	178	845070	51.075 ng		99
71) Anthracene	18.39	178	852173	51.302 ng		99
72) Carbazole	18.64	167	776515	47.427 ng		97
73) Di-n-butylphthalate	19.14	149	1014542	50.510 ng		99
74) Fluoranthene	20.25	202	926411	50.688 ng		95
76) Benzidine	20.41	184	28238	3.044 ng		97
77) Pyrene	20.60	202	936796	48.817 ng		97
79) Butylbenzylphthalate	21.47	149	486464	57.176 ng		92
80) Benzo(a)anthracene	22.59	228	907766	52.022 ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	72035	11.146 ng	#	97
82) Chrysene	22.66	228	856464	51.382 ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	683443	54.267 ng		97
84) Di-n-octyl phthalate	23.83	149	1176967	61.312 ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	966091	49.697 ng	#	94
87) Benzo(b)fluoranthene	25.18	252	908470	52.592 ng	#	97
88) Benzo(k)fluoranthene	25.27	252	899297	52.384 ng	#	97
89) Benzo(a)pyrene	26.23	252	866563	52.743 ng	#	97
90) Dibenzo(a,h)anthracene	30.90	278	742458	44.895 ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	751262	46.083 ng	#	93

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

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