Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035955.D
Acq On : 28 Jul 2018 3:10
Operator : JU/SJ
Sample : J4152-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LA-SOIL-1MSD

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:44 PM

Quant Time: Jul 28 06:53:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36692	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	138800	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	108929	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	301872	20.00	ng		0.00
75) Chrysene-d12	21.66	240	329710	20.00	ng		0.00
86) Perylene-d12	24.85	264	315884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	317730	143.77	ng		0.00
7) Phenol-d6	7.19	99	439948	133.42	ng		0.00
23) Nitrobenzene-d5	9.19	82	333140	100.27	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	252997	176.21	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	788454	96.97	ng		0.00
78) Terphenyl-d14	20.00	244	1538132	102.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	40120	35.667	ng	#	76
3) Pyridine	3.93	79	87668	29.854	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	48160	38.196	ng	#	69
6) Aniline	7.35	93	75041	17.558	ng		94
8) 2-Chlorophenol	7.59	128	116914	52.014	ng		98
9) Benzaldehyde	7.17	77	30061	14.858	ng		96
10) Phenol	7.22	94	157299	47.218	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	122228	46.850	ng		88
12) 1,3-Dichlorobenzene	7.92	146	130537	48.091	ng		98
13) 1,4-Dichlorobenzene	8.06	146	133054	48.244	ng		99
14) 1,2-Dichlorobenzene	8.38	146	131308	49.561	ng		99
15) Benzyl Alcohol	8.27	79	141048	47.105	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	136899	62.590	ng		79
17) 2-Methylphenol	8.47	107	117713	51.971	ng	#	93
18) Hexachloroethane	9.10	117	52156	49.461	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	116629	42.003	ng	#	84
20) 3+4-Methylphenols	8.80	107	158788	50.535	ng		91
22) Acetophenone	8.85	105	212823	49.307	ng	#	92
24) Nitrobenzene	9.23	77	172671	51.675	ng		96
25) Isophorone	9.75	82	343207	55.645	ng		99
26) 2-Nitrophenol	9.94	139	73620	62.036	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	129611	64.521	ng		89
28) bis(2-Chloroethoxy)methane	10.23	93	176909	52.053	ng		96
29) 2,4-Dichlorophenol	10.48	162	144957	63.215	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	153597	54.625	ng		96
31) Naphthalene	10.88	128	383663	53.064	ng		99
32) Benzoic acid	10.16	122	28003	20.707	ng		94
33) 4-Chloroaniline	11.00	127	14220	4.512	ng		95
34) Hexachlorobutadiene	11.16	225	118048	53.839	ng		97
35) Caprolactam	11.78	113	39664m	40.307	ng		
36) 4-Chloro-3-methylphenol	12.11	107	181702	59.116	ng		94
37) 2-Methylnaphthalene	12.48	142	305610	56.735	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	205317	49.939	ng		99
40) Hexachlorocyclopentadiene	12.82	237	237821	110.298	ng		96

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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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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	140848	58.581	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	154476	57.432	ng		93
45) 1,1'-Biphenyl	13.49	154	426863	50.545	ng		97
46) 2-Chloronaphthalene	13.53	162	339485	51.680	ng		98
47) 2-Nitroaniline	13.73	65	127183	54.764	ng		95
48) Acenaphthylene	14.37	152	574919	52.247	ng		97
49) Dimethylphthalate	14.10	163	497338	52.111	ng	#	99
50) 2,6-Dinitrotoluene	14.23	165	114683	59.009	ng		90
51) Acenaphthene	14.71	154	337758	49.274	ng		96
52) 3-Nitroaniline	14.56	138	44300	22.302	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	77569	77.811	ng	#	66
54) Dibenzofuran	15.05	168	576161	52.851	ng		96
55) 4-Nitrophenol	14.88	139	139584	98.673	ng		88
56) 2,4-Dinitrotoluene	15.01	165	168963	60.600	ng	#	90
57) Fluorene	15.69	166	482351	52.791	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	164195	63.669	ng		91
59) Diethylphthalate	15.47	149	509023	51.870	ng		96
60) 4-Chlorophenyl-phenylether	15.68	204	277381	51.651	ng		98
61) 4-Nitroaniline	15.72	138	110121	52.998	ng	#	81
62) Azobenzene	15.98	77	500923	51.749	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	79261	47.168	ng		87
65) n-Nitrosodiphenylamine	15.90	169	431923	50.268	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	193023	55.114	ng		97
67) Hexachlorobenzene	16.70	284	201959	55.997	ng		97
68) Atrazine	16.85	200	185248	52.363	ng		97
69) Pentachlorophenol	17.05	266	185516	84.449	ng		97
70) Phenanthrene	17.43	178	806672	53.554	ng		98
71) Anthracene	17.53	178	821666	54.783	ng		97
72) Carbazole	17.80	167	751930	52.790	ng		98
73) Di-n-butylphthalate	18.35	149	859552	51.066	ng	#	98
74) Fluoranthene	19.44	202	1062338	52.359	ng		96
76) Benzidine	19.64	184	41920m	4.836	ng		
77) Pyrene	19.81	202	1072797	51.458	ng		97
79) Butylbenzylphthalate	20.68	149	408002	54.726	ng		99
80) Benzo(a)anthracene	21.64	228	1070091	52.081	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	186433	26.023	ng	#	99
82) Chrysene	21.70	228	1013554	53.233	ng		96
83) Bis(2-ethylhexyl)phthalate	21.53	149	558412	55.095	ng		98
84) Di-n-octyl phthalate	22.73	149	955811	56.322	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1165152	55.273	ng	#	86
87) Benzo(b)fluoranthene	23.84	252	1027845	53.535	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1021628	54.429	ng	#	97
89) Benzo(a)pyrene	24.71	252	1009929	56.542	ng	#	97
90) Dibenzo(a,h)anthracene	28.57	278	962580	54.893	ng	#	95
91) Benzo(g,h,i)perylene	29.64	276	940590	54.815	ng	#	93

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

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