Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041071.D
Acq On : 5 Jun 2019 14:23
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:15 PM

Quant Time: Jun 06 04:51:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38521	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	144107	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	94286	20.00	ng		-0.02
64) Phenanthrene-d10	17.49	188	246814	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	285941	20.00	ng		-0.03
87) Perylene-d12	25.10	264	303410	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	247869	116.03	ng		-0.01
7) Phenol-d6	7.25	99	337997	102.45	ng		-0.01
23) Nitrobenzene-d5	9.29	82	237697	73.23	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	173082	123.65	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	524789	80.16	ng		-0.02
79) Terphenyl-d14	20.08	244	1011720	75.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	8130	8.387	ng		97
3) Pyridine	3.93	79	18187	6.340	ng		92
4) n-Nitrosodimethylamine	3.85	42	9483	7.123	ng	#	73
6) Aniline	7.44	93	26617	6.044	ng		93
8) 2-Chlorophenol	7.66	128	16980	6.667	ng		96
9) Benzaldehyde	7.25	77	17937	9.114	ng		95
10) Phenol	7.28	94	22144	6.260	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	16183	6.306	ng		93
12) 1,3-Dichlorobenzene	7.99	146	20624	6.780	ng		97
13) 1,4-Dichlorobenzene	8.15	146	20206	6.563	ng		94
14) 1,2-Dichlorobenzene	8.46	146	19216	6.428	ng		98
15) Benzyl Alcohol	8.35	79	17178	5.629	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.64	45	26643	6.354	ng		97
17) 2-Methylphenol	8.55	107	15261	5.958	ng		92
18) Hexachloroethane	9.19	117	8237	6.941	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	15518	6.112	ng		95
20) 3+4-Methylphenols	8.87	107	19963	5.627	ng		93
22) Acetophenone	8.94	105	29770	7.364	ng	#	98
24) Nitrobenzene	9.33	77	25971	7.851	ng		96
25) Isophorone	9.84	82	42666	6.907	ng		97
26) 2-Nitrophenol	10.04	139	10064	7.380	ng		92
27) 2,4-Dimethylphenol	10.08	122	15179	6.739	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	22179	6.652	ng		98
29) 2,4-Dichlorophenol	10.58	162	18632	6.514	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	22386	6.880	ng		98
31) Naphthalene	10.98	128	57615	7.446	ng		97
32) Benzoic acid	10.18	122	2583m	9.355	ng		
33) 4-Chloroaniline	11.10	127	23110	6.437	ng		96
34) Hexachlorobutadiene	11.24	225	17637	7.084	ng		95
35) Caprolactam	11.85	113	6108	6.467	ng	#	87
36) 4-Chloro-3-methylphenol	12.19	107	20869	6.389	ng		96
37) 2-Methylnaphthalene	12.58	142	39672	6.657	ng		99
38) 1-Methylnaphthalene	12.79	142	38490m	6.854	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	29487	7.759	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	11307	13.201	ng		96
43) 2,4,6-Trichlorophenol	13.18	196	17700	7.200	ng	#	95
44) 2,4,5-Trichlorophenol	13.26	196	19340	7.459	ng	#	81
46) 1,1'-Biphenyl	13.58	154	54552	7.816	ng		95
47) 2-Chloronaphthalene	13.63	162	44151	7.369	ng		96
48) 2-Nitroaniline	13.83	65	15465	7.195	ng		99
49) Acenaphthylene	14.47	152	71575	7.937	ng		97
50) Dimethylphthalate	14.19	163	57302	7.179	ng		100
51) 2,6-Dinitrotoluene	14.32	165	12359	7.182	ng		93
52) Acenaphthene	14.80	154	39167	7.170	ng		97
53) 3-Nitroaniline	14.66	138	12305	7.151	ng	#	94
54) 2,4-Dinitrophenol	14.88	184	983	9.632	ng	#	39
55) Dibenzofuran	15.14	168	71965	7.829	ng		95
56) 4-Nitrophenol	14.96	139	6865	5.816	ng		94
57) 2,4-Dinitrotoluene	15.10	165	17721	7.290	ng		94
58) Fluorene	15.78	166	55953	7.643	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.36	232	19286	7.569	ng		97
60) Diethylphthalate	15.54	149	58886	7.230	ng		94
61) 4-Chlorophenyl-phenylether	15.77	204	34383	7.226	ng		93
62) 4-Nitroaniline	15.81	138	13233	7.264	ng		98
63) Azobenzene	16.07	77	56189	7.590	ng		96
65) 4,6-Dinitro-2-methylphenol	15.86	198	5783	12.180	ng		92
66) n-Nitrosodiphenylamine	15.99	169	50322	7.253	ng		95
67) 4-Bromophenyl-phenylether	16.67	248	22267	6.685	ng		96
68) Hexachlorobenzene	16.78	284	23172	6.533	ng		99
69) Atrazine	16.92	200	20499	7.657	ng		92
70) Pentachlorophenol	17.14	266	7681	8.083	ng		96
71) Phenanthrene	17.53	178	99102	7.709	ng		99
72) Anthracene	17.62	178	99687	7.862	ng		96
73) Carbazole	17.89	167	87973	8.086	ng		97
74) Di-n-butylphthalate	18.42	149	99059	7.326	ng		100
75) Fluoranthene	19.53	202	135303	8.521	ng		98
77) Benzidine	19.72	184	59416	8.710	ng		96
78) Pyrene	19.89	202	137960	7.422	ng		98
80) Butylbenzylphthalate	20.76	149	50668	7.004	ng		97
81) Benzo(a)anthracene	21.74	228	147370	7.742	ng		93
82) 3,3'-Dichlorobenzidine	21.66	252	53119	7.934	ng		95
83) Chrysene	21.81	228	135756	7.453	ng		96
84) Bis(2-ethylhexyl)phthalate	21.61	149	70425	6.916	ng		99
85) Di-n-octyl phthalate	22.85	149	123224	7.266	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	156631	7.020	ng	#	87
88) Benzo(b)fluoranthene	24.02	252	134403	7.303	ng		96
89) Benzo(k)fluoranthene	24.09	252	136795	7.512	ng		97
90) Benzo(a)pyrene	24.94	252	132835	7.566	ng		93
91) Dibenzo(a,h)anthracene	28.97	278	130639	7.446	ng		98
92) Benzo(g,h,i)perylene	30.12	276	130361	7.648	ng		97

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

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