Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041152.D
Acq On : 9 Jun 2019 4:10
Operator : HP/JU
Sample : SOILBS01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOILBS01

Quant Time: Jun 10 05:40:57 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	21805	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	92587	20.00	ng		-0.03
39) Acenaphthene-d10	14.74	164	72823	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	181781	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	178780	20.00	ng		-0.03
87) Perylene-d12	25.08	264	183712	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	192069	158.84	ng		-0.02
7) Phenol-d6	7.25	99	278210	148.97	ng		-0.01
23) Nitrobenzene-d5	9.28	82	189716	90.97	ng		-0.03
42) 2,4,6-Tribromophenol	16.23	330	158150	146.29	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	465257	92.01	ng		-0.03
79) Terphenyl-d14	20.07	244	854732	101.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	33687	61.392	ng	#	91
3) Pyridine	3.90	79	93551	57.617	ng		98
4) n-Nitrosodimethylamine	3.83	42	50514	67.034	ng		90
6) Aniline	7.42	93	103442	41.497	ng		95
8) 2-Chlorophenol	7.66	128	111021	77.011	ng		96
9) Benzaldehyde	7.24	77	31539	28.310	ng		91
10) Phenol	7.28	94	149924	74.873	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	96332	66.316	ng		98
12) 1,3-Dichlorobenzene	7.99	146	112814	65.520	ng		97
13) 1,4-Dichlorobenzene	8.14	146	115356	66.187	ng		100
14) 1,2-Dichlorobenzene	8.46	146	110516	65.308	ng		98
15) Benzyl Alcohol	8.35	79	122236	70.757	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	145806	61.426	ng		98
17) 2-Methylphenol	8.54	107	104405	72.013	ng		98
18) Hexachloroethane	9.19	117	43883	65.328	ng		99
19) n-Nitroso-di-n-propylamine	8.91	70	89688	62.406	ng		99
20) 3+4-Methylphenols	8.87	107	144850	72.127	ng		99
22) Acetophenone	8.93	105	177645	68.398	ng	#	98
24) Nitrobenzene	9.33	77	147006	69.166	ng		97
25) Isophorone	9.84	82	267133	67.304	ng		99
26) 2-Nitrophenol	10.04	139	66744	76.175	ng		94
27) 2,4-Dimethylphenol	10.08	122	115739	79.980	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	142713	66.620	ng		99
29) 2,4-Dichlorophenol	10.57	162	137263	74.696	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	142439	68.137	ng		96
31) Naphthalene	10.98	128	351871	70.784	ng		100
32) Benzoic acid	10.22	122	73676	62.517	ng		96
33) 4-Chloroaniline	11.09	127	85838	37.215	ng		97
34) Hexachlorobutadiene	11.24	225	103236	64.541	ng		99
35) Caprolactam	11.88	113	43114m	71.048	ng		
36) 4-Chloro-3-methylphenol	12.19	107	157489	75.042	ng		97
37) 2-Methylnaphthalene	12.57	142	277720	72.538	ng		99
38) 1-Methylnaphthalene	12.79	142	265620	73.623	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	202433	68.968	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	219951	133.290	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	134887	71.038	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	147989	73.901	ng		98
46) 1,1'-Biphenyl	13.57	154	382677	70.991	ng		99
47) 2-Chloronaphthalene	13.62	162	320386	69.233	ng		97
48) 2-Nitroaniline	13.83	65	114056	68.702	ng		99
49) Acenaphthylene	14.46	152	507282	72.834	ng		100
50) Dimethylphthalate	14.19	163	417522	67.730	ng		98
51) 2,6-Dinitrotoluene	14.32	165	95912	72.162	ng		95
52) Acenaphthene	14.80	154	295286	69.985	ng		99
53) 3-Nitroaniline	14.65	138	66716	50.197	ng	#	89
54) 2,4-Dinitrophenol	14.86	184	101016	120.463	ng		99
55) Dibenzofuran	15.13	168	513146	72.278	ng		99
56) 4-Nitrophenol	14.95	139	144088	158.057	ng		98
57) 2,4-Dinitrotoluene	15.10	165	140107	74.625	ng		98
58) Fluorene	15.78	166	415267	73.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	157637	80.101	ng		95
60) Diethylphthalate	15.54	149	432480	68.745	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	257883	70.172	ng		93
62) 4-Nitroaniline	15.81	138	95495	67.869	ng		94
63) Azobenzene	16.06	77	406163	71.034	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	79743	75.804	ng		94
66) n-Nitrosodiphenylamine	15.98	169	370310	72.467	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	166957	68.057	ng		98
68) Hexachlorobenzene	16.78	284	177256	67.855	ng		97
69) Atrazine	16.92	200	160200	81.248	ng		97
70) Pentachlorophenol	17.12	266	196765	137.383	ng		96
71) Phenanthrene	17.52	178	708466	74.822	ng		99
72) Anthracene	17.62	178	715110	76.575	ng		99
73) Carbazole	17.89	167	620400	77.425	ng		100
74) Di-n-butylphthalate	18.42	149	725102	72.808	ng		99
75) Fluoranthene	19.53	202	901357	77.069	ng		99
77) Benzidine	19.71	184	287700	67.458	ng		97
78) Pyrene	19.89	202	909190	78.231	ng		99
80) Butylbenzylphthalate	20.76	149	338789	74.908	ng		97
81) Benzo(a)anthracene	21.74	228	870096	73.113	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	219566	52.455	ng		97
83) Chrysene	21.81	228	859771	75.495	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	470128	73.841	ng		98
85) Di-n-octyl phthalate	22.85	149	791693	74.664	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1020585	73.157	ng	#	95
88) Benzo(b)fluoranthene	24.02	252	871222	78.187	ng		100
89) Benzo(k)fluoranthene	24.09	252	872229	79.103	ng		99
90) Benzo(a)pyrene	24.93	252	862709	81.150	ng		97
91) Dibenzo(a,h)anthracene	28.97	278	839664	79.045	ng		98
92) Benzo(g,h,i)perylene	30.10	276	773675	74.967	ng		96

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

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