Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041153.D
Acq On : 9 Jun 2019 4:48
Operator : HP/JU
Sample : SOILBS02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOILBS02

Quant Time: Jun 10 05:53:49 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	35241	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	145293	20.00	ng		-0.03
39) Acenaphthene-d10	14.74	164	111113	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	288124	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	290472	20.00	ng		-0.03
87) Perylene-d12	25.08	264	298842	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	274489	140.45	ng		-0.02
7) Phenol-d6	7.25	99	403464	133.67	ng		-0.01
23) Nitrobenzene-d5	9.28	82	275232	84.10	ng		-0.03
42) 2,4,6-Tribromophenol	16.23	330	225154	136.49	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	670364	86.88	ng		-0.03
79) Terphenyl-d14	20.07	244	1218747	89.05	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	36132	40.742	ng		95
3) Pyridine	3.90	79	96596	36.810	ng		99
4) n-Nitrosodimethylamine	3.83	42	56050	46.022	ng		91
6) Aniline	7.43	93	108655	26.970	ng		100
8) 2-Chlorophenol	7.67	128	112408	48.245	ng		92
9) Benzaldehyde	7.25	77	33234	18.458	ng		86
10) Phenol	7.28	94	152737	47.196	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	98784	42.077	ng		98
12) 1,3-Dichlorobenzene	7.99	146	120136	43.171	ng		95
13) 1,4-Dichlorobenzene	8.14	146	119228	42.327	ng		97
14) 1,2-Dichlorobenzene	8.46	146	115129	42.095	ng		99
15) Benzyl Alcohol	8.35	79	124071	44.438	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	152977	39.876	ng		98
17) 2-Methylphenol	8.54	107	107749	45.984	ng		96
18) Hexachloroethane	9.19	117	47108	43.392	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	94106	40.515	ng		99
20) 3+4-Methylphenols	8.87	107	143263	44.139	ng		96
22) Acetophenone	8.93	105	184324	45.225	ng	#	97
24) Nitrobenzene	9.33	77	152258	45.651	ng		99
25) Isophorone	9.84	82	277654	44.578	ng		99
26) 2-Nitrophenol	10.03	139	69524	50.564	ng		92
27) 2,4-Dimethylphenol	10.08	122	118891	52.355	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	148046	44.040	ng		97
29) 2,4-Dichlorophenol	10.57	162	137700	47.751	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	148116	45.151	ng		94
31) Naphthalene	10.98	128	367145	47.064	ng		99
32) Benzoic acid	10.22	122	72172	42.080	ng		97
33) 4-Chloroaniline	11.09	127	82481	22.788	ng		95
34) Hexachlorobutadiene	11.24	225	106475	42.419	ng		99
35) Caprolactam	11.88	113	42817m	44.963	ng		
36) 4-Chloro-3-methylphenol	12.20	107	157759	47.902	ng		98
37) 2-Methylnaphthalene	12.58	142	278727	46.392	ng		97
38) 1-Methylnaphthalene	12.79	142	269970	47.684	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	208230	46.496	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	229162	93.628	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	134744	46.509	ng		94
44) 2,4,5-Trichlorophenol	13.25	196	143541	46.979	ng		96
46) 1,1'-Biphenyl	13.57	154	385276	46.843	ng		98
47) 2-Chloronaphthalene	13.62	162	321508	45.534	ng		98
48) 2-Nitroaniline	13.83	65	115024	45.409	ng		96
49) Acenaphthylene	14.46	152	503577	47.386	ng		100
50) Dimethylphthalate	14.19	163	418140	44.456	ng		99
51) 2,6-Dinitrotoluene	14.32	165	94921	46.806	ng		96
52) Acenaphthene	14.80	154	293083	45.525	ng		98
53) 3-Nitroaniline	14.65	138	66413	32.750	ng		91
54) 2,4-Dinitrophenol	14.86	184	107131	94.183	ng		98
55) Dibenzofuran	15.13	168	518583	47.873	ng		98
56) 4-Nitrophenol	14.94	139	144266	103.718	ng		92
57) 2,4-Dinitrotoluene	15.10	165	136859	47.775	ng	#	94
58) Fluorene	15.78	166	400229	46.393	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	148659	49.508	ng		100
60) Diethylphthalate	15.54	149	429398	44.734	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	256159	45.683	ng		93
62) 4-Nitroaniline	15.81	138	95482	44.475	ng		88
63) Azobenzene	16.06	77	400570	45.914	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	80028	51.148	ng		98
66) n-Nitrosodiphenylamine	15.98	169	368317	45.474	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	166935	42.932	ng		98
68) Hexachlorobenzene	16.77	284	174079	42.043	ng		100
69) Atrazine	16.92	200	157724	50.468	ng		98
70) Pentachlorophenol	17.12	266	204466	91.535	ng		98
71) Phenanthrene	17.52	178	686821	45.764	ng		98
72) Anthracene	17.61	178	705676	47.675	ng		99
73) Carbazole	17.89	167	615811	48.487	ng		99
74) Di-n-butylphthalate	18.42	149	727391	46.080	ng		99
75) Fluoranthene	19.53	202	879893	47.466	ng		99
77) Benzidine	19.71	184	275942	39.822	ng		97
78) Pyrene	19.89	202	887590	47.006	ng		98
80) Butylbenzylphthalate	20.76	149	334883	45.573	ng		96
81) Benzo(a)anthracene	21.74	228	869592	44.974	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	216123	31.779	ng		98
83) Chrysene	21.81	228	854765	46.195	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	462830	44.742	ng		98
85) Di-n-octyl phthalate	22.84	149	791760	45.958	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	993158	43.817	ng		99
88) Benzo(b)fluoranthene	24.02	252	861233	47.514	ng		98
89) Benzo(k)fluoranthene	24.09	252	852294	47.517	ng		99
90) Benzo(a)pyrene	24.93	252	855489	49.469	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	834186	48.276	ng		98
92) Benzo(g,h,i)perylene	30.12	276	784653	46.740	ng		97

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

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